# HCD-DR7AV/XB800AV

# SERVICE MANUAL

*AEP Model*
*UK Model*
*HCD-XB800AV*
*E Model*
*Australian Model*
*HCD-DR7AV*

Photo: HCD-DR7AV

HCD-DR7AV/XB800AV is the tuner, deck, CD and amplifier section in LBT-DR7AV/XB800AV.

This stereo system is equipped with the Dolby* B-type noise reduction system.
* Dolby noise reduction manufactured under license from Dolby Laboratories Licensing Corporation.
"DOLBY" and the double-D symbol □□ and "PRO LOGIC" are trademarks of the Dolby Laboratories Licensing Corporation.

| | | |
|---|---|---|
| CD SECTION | Model Name Using Similar Mechanism | HCD-DR4/DR5/DR6/DR440/ W300/W5000/XB500 |
| | CD Mechanism Type | CDM37M-5BD32L |
| | Base Unit Type | BU-5BD32L |
| | Optical Pick-up Type | KSS-213D/Q-N |
| TAPE DECK SECTION | Model Name Using Similar Mechanism | NEW |
| | Tape Transport Mechanism Type | TCM-230AWR2/230PWR2 |

## SPECIFICATIONS

### Amplifier section

**HCD-XB800AV**
**Front Speaker:**
DIN power output (Rated)
90 + 90 watts
(8 ohms at 1 kHz, DIN)
Continuous RMS power output (Reference)
120 + 120 watts
(8 ohms at 1 kHz, 10% THD)
Music power output (Reference)
200 + 200 watts
(8 ohms at 1 kHz, 10% THD)
**Center Speaker:**
DIN power output (Rated)
30 watts
(8 ohms at 1 kHz, DIN)
Continuous RMS power output (Reference)
40 watts
(8 ohms at 1 kHz, 10% THD)
Music power output (Reference)
60 watts
(8 ohms at 1 kHz, 10% THD)
**Rear Speaker:**
DIN power output (Rated)
15 + 15 watts
(16 ohms at 1 kHz, DIN)
Continuous RMS power output (Reference)
20 + 20 watts
(16 ohms at 1 kHz, 10% THD)
Music power output (Reference)
30 + 30 watts
(16 ohms at 1 kHz, 10% THD)

**HCD-DR7AV**
**Front Speaker:**
The following measured at AC 120/220/240 V, 50 Hz
DIN power output (Rated)
110 + 110 watts
(6 ohms at 1 kHz, DIN)
Continuous RMS power output (Reference)
140 + 140 watts
(6 ohms at 1 kHz, 10% THD)
**Center Speaker:**
DIN power output (Rated)
30 watts
(8 ohms at 1 kHz, DIN)
Continuous RMS power output (Reference)
40 watts
(8 ohms at 1 kHz, 10% THD)
**Rear Speaker:**
DIN power output (Rated)
15 + 15 watts
(16 ohms at 1 kHz, DIN)
Continuous RMS power output (Reference)
20 + 20 watts
(16 ohms at 1 kHz, 10% THD)

Inputs
PHONO IN (phono jacks): sensitivity 3 mV, impedance 47 kilohms
MIX MIC (phone jack): sensitivity 1 mV, impedance 10 kilohms
VIDEO1 IN (phono jacks): sensitivity 250 mV, impedance 47 kilohms
VIDEO2 IN (phono jacks): sensitivity 250 mV, impedance 47 kilohms
MD IN (phono jacks): sensitivity 450 mV, impedance 47 kilohms

Outputs
PHONES (stereo phone jack): accepts headphones of 8 ohms or more
VIDEO OUT (phono jack): voltage 250 mV, impedance 1 kilohm
MD OUT (phono jacks): voltage 250 mV, impedance 1 kilohm

FRONT SPEAKER:
(HCD-XB800AV) accepts impedance of 8 to 16 ohms
(HCD-DR7AV) accepts impedance of 6 to 16 ohms
CENTER SPEAKER: accepts impedance of 8 to 16 ohms
REAR SPEAKER: impedance 16 ohms

**— Continued on next page —**

## COMPACT DISC DECK RECEIVER

MICROFILM

SONY®

## Video section

Inputs
VIDEO1 IN (phono jacks): 1 V p-p, 75 ohms
VIDEO2 IN (phono jacks): 1 V p-p, 75 ohms

Output
VIDEO OUT (phono jack): 1 V p-p, 75 ohms

## CD player section

| | |
|---|---|
| System | Compact disc and digital audio system |
| Laser | Semiconductor laser ($\lambda$ = 780 nm) Emission duration: continuous |
| Laser output | Max. 44.6 $\mu$W* * This output is the value measured at a distance of 200 mm from the objective lens surface on the Optical Pick-up Block with 7 mm aperture. |
| Wavelength | 780 – 790 nm |
| Frequency response | 2 Hz – 20 kHz (±0.5 dB) |
| Signal-to-noise ratio | More than 90 dB |
| Dynamic range | More than 90 dB |

CD DIGITAL OUT
(square optical connector jack, rear panel)

| | |
|---|---|
| Wave length: | 660 nm |
| Output level: | -18 dBm |

## Tape player section

| | |
|---|---|
| Recording system | 4-track 2-channel stereo |
| Frequency response (DOLBY NR OFF) | 40 – 13,000 Hz ( ±3 dB), using a Sony TYPE I cassette<br>40 – 14,000 Hz ( ±3 dB), using a Sony TYPE II cassette |

## Tuner section

FM stereo, FM/AM superheterodyne tuner

### FM tuner section

Tuning range
(2 band model)

| | |
|---|---|
| North American model: | 87.5 – 108.0 MHz (100 kHz step) |
| Other models: | 87.5 – 108.0 MHz (50 kHz step) |

(3 band model)

| | |
|---|---|
| FM: | 87.5 – 108.0 MHz (50 kHz step) |
| UKV: | 65.0 – 74.0 MHz (10 kHz step) STEREO PLUS |
| Antenna | FM wire antenna |
| Antenna terminals | 75 ohm unbalanced |
| Intermediate frequency | 10.7 MHz |

### AM tuner section

Tuning range

| | |
|---|---|
| European model: | 531 – 1,602 kHz (with the tuning interval set at 9 kHz) |
| Middle Eastern model: | 531 – 1,602 kHz (with the tuning interval set at 9 kHz) |
| Other models: | 531 – 1,602 kHz (with the tuning interval set at 9 kHz)<br>530 – 1,710 kHz (with the tuning interval set at 10 kHz) |
| Antenna | AM loop antenna, External antenna terminals |
| Intermediate frequency | 450 kHz |

## General

Power requirements

| | |
|---|---|
| European model: | 230 V AC, 50/60 Hz |
| Australian model: | 230 – 240 V AC, 50/60 Hz |
| Other models: | 120 V, 220 V, or 230 – 240 V AC, 50/60 Hz Adjustable with voltage selector |
| Power consumption | |
| (HCD-DR7AV) | 205 watts |
| (HCD-XB800AV) | 175 watts |
| Dimensions (w/h/d) | Approx. 356 × 423 × 446 mm ($14^{1}/_{8} \times 16^{3}/_{4} \times 17^{5}/_{8}$ in) incl. projecting parts and controls |
| Mass | |
| (HCD-DR7AV) | Approx. 14.5 kg (32 lb) |
| (HCD-XB800AV) | Approx. 14.0 kg (30 lb 14 oz.) |

Design and specifications are subject to change without notice.

**CAUTION**
Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.

### Notes on chip component replacement

- Never reuse a disconnected chip component.
- Notice that the minus side of a tantalum capacitor may be damaged by heat.

### Flexible Circuit Board Repairing

- Keep the temperature of soldering iron around 270˚C during repairing.
- Do not touch the soldering iron on the same conductor of the circuit board (within 3 times).
- Be careful not to apply force on the conductor when soldering or unsoldering.

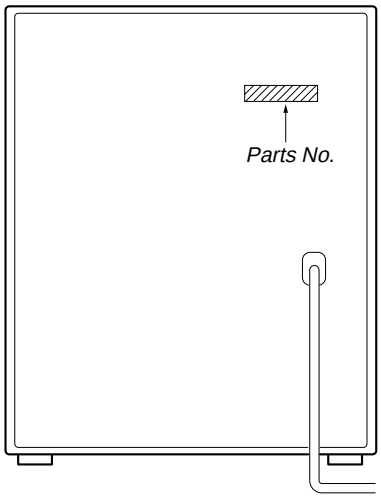
Laser component in this product is capable of emitting radiation exceeding the limit for Class 1.

This appliance is classified as a CLASS 1 LASER product. The CLASS 1 LASER PRODUCT MARKING is located on the rear exterior.

CAUTION : INVISIBLE LASER RADIATION WHEN OPEN AND INTERLOCKS DEFEATED. AVOID EXPOSURE TO BEAM.
ADVARSEL : USYNLIG LASERSTRÅLING VED ÅBNING NÅR SIKKERHEDSAFBRYDERE ER UDE AF FUNKTION. UNDGÅ UDSAETTELSE FOR STRÅLING.
VORSICHT : UNSICHTBARE LASERSTRAHLUNG. WENN ABDECKUNG GEÖFFNET UND SICHEREITSVERRIEGELUNG ÜBERBRÜCKT. NICHT DEM STRAHL AUSSETZEN.
VARO! : AVATTAESSA JA SUOJALUKITUS OHITETTAESSA OLET ALTTIINA NÄKYMÄTTÖMÄLLE LASERSÄTEILYLLE. ÄLÄ KATSO SÄTEESEEN.
VARNING : OSYNLING LASERSTRÅLING NÄR DENNA DEL ÄR ÖPPNAD OCH SPÄRREN ÄR URKOPPLAD. BETRAKTA EJ STRÅLEN.
ADVERSEL : USYNLIG LASERSTRÅLING NÅR DEKSEL ÅPNES OG SIKKERHEDSLÅS BRYTES. UNNGÅ EKSPONERING FOR STRÅLEN.
VIGYAZAT! : A BURKOLAT NYITÁSAKOR LÁTHATATLAN LÉZERSUGÁRVESZÉLY! KERÜLJE A BESUGÁRZÁST!

This caution label is located inside the unit.

### MODEL IDENTIFICATION
### — BACK PANEL —




| PARTS No. | MODEL | PRODUCT COUNTRY |
|---|---|---|
| 4-214-788-0☐ | DR7AV: SP | INDONESIA |
| 4-214-788-1☐ | DR7AV: EA | INDONESIA |
| 4-214-788-2☐ | DR7AV: AUS | INDONESIA |
| 4-214-788-6☐ | DR7AV: TH | THAILAND |
| 4-214-785-3☐ | XB800AV: AEP, UK, EE, CIS | INDONESIA |
| 4-214-785-4☐ | XB800AV: AEP | THAILAND |

- Abbreviation
  SP : Singapore model
  EA : Saudi Arabia model
  AUS : Australian model
  TH : Thailand model
  EE : East European model

**SAFETY-RELATED COMPONENT WARNING !!**

**COMPONENTS IDENTIFIED BY MARK ⚠ OR DOTTED LINE WITH MARK ⚠ ON THE SCHEMATIC DIAGRAMS AND IN THE PARTS LIST ARE CRITICAL TO SAFE OPERATION. REPLACE THESE COMPONENTS WITH SONY PARTS WHOSE PART NUMBERS APPEAR AS SHOWN IN THIS MANUAL OR IN SUPPLEMENTS PUBLISHED BY SONY.**

## NOTES ON HANDLING THE OPTICAL PICK-UP BLOCK OR BASE UNIT

The laser diode in the optical pick-up block may suffer electrostatic break-down because of the potential difference generated by the charged electrostatic load, etc. on clothing and the human body.
During repair, pay attention to electrostatic break-down and also use the procedure in the printed matter which is included in the repair parts.
The flexible board is easily damaged and should be handled with care.

## NOTES ON LASER DIODE EMISSION CHECK

The laser beam on this model is concentrated so as to be focused on the disc reflective surface by the objective lens in the optical pick-up block. Therefore, when checking the laser diode emission, observe from more than 30 cm away from the objective lens.

## LASER DIODE AND FOCUS SEARCH OPERATION CHECK

Carry out the "S curve check" in "CD section adjustment" and check that the S curve waveform is output four times.

# SECTION 1
# SERVICING NOTE

### About CD-TEXT display

This unit is provided with a simple CD-TEXT display function.
The CD-TEXT contents of 20 tracks are displayed on the fluorescent display tube.
Since the function is simple, some special characters may not be displayed, or may be displayed as other characters.

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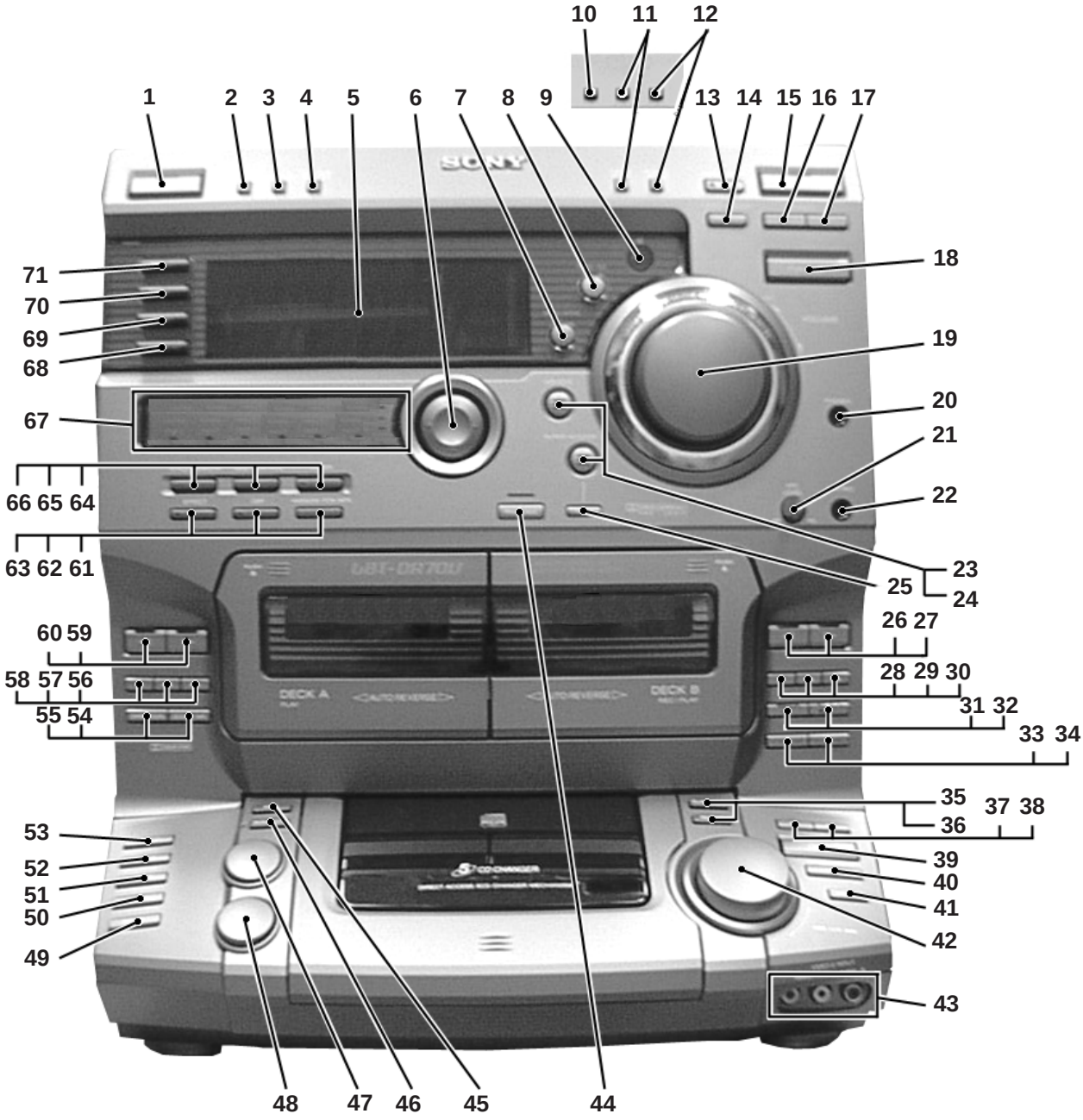
# SECTION 2
# GENERAL

**Front Panel**



## LOCATION OF PARTS AND CONTROLS

**1** I/⏻ (Power) button and indicator
**2** DEMO (STANDBY) button (DR7AV)
POWER SAVE/DEMO (STANDBY) button (XB800AV)
**3** DISPLAY button
**4** SPECTRUM ANALYZER button
**5** Display window
**6** GEQ control button
**7** SYNC BASS button
**8** SYNC EQ button
**9** Remote sensor
**10** PTY button (XB800AV)
**11** TUNING MODE button
**12** STEREO/MONO button
**13** ENTER/NEXT button and indicator
**14** TUNER MEMORY button
**15** TUNER/BAND button
**16** TUNING - button
**17** TUNING + button
**18** FUNCTION button
**19** VOLUME knob
**20** PHONES jack
**21** MIC LEVEL knob
**22** MIX MIC jack
**23** GROOVE button and indicator
**24** SUPER WOOFER button and indicator
**25** MODE button
**26** ◁ (B Deck) button and indicator
**27** ▷ (B Deck) button and indicator
**28** ■ (B Deck) button
**29** ◀◀ (B Deck) button
**30** ▶▶ (B Deck) button
**31** ❚❚ (B Deck) button
**32** ● REC (B Deck) button
**33** HI-SPEED DUB button
**34** CD SYNCHRO button
**35** PLAY MODE button
**36** REPEAT button
**37** ◀◀ (CD) button
**38** ▶▶ (CD) button
**39** ▷❚❚ (CD) button and indicator
**40** ■ (CD) button
**41** DISK SKIP button
**42** I◀◀ AMS ▶▶I knob
**43** VIDEO2 INPUT jacks
**44** PRO LOGIC button and indicator
**45** EDIT button
**46** NON-STOP button and indicator
**47** LOOP button
**48** FLASH button
**49** DISC 5 button
**50** DISC 4 button
**51** DISC 3 button
**52** DISC 2 button
**53** DISC 1 button
**54** DOLBY NR button
**55** DIRECTION button
**56** ▶▶ (A Deck) button
**57** ◀◀ (A Deck) button
**58** ■ (A Deck) button
**59** ▷ (A Deck) button
**60** ◁ (A Deck) button
**61** KARAOKE PON/MPX button
**62** DSP button and indicator
**63** EFFECT button and indicator
**64** ENTER button and indicator
**65** GEQ CONTROL button
**66** P. FILE MEMORY
**67** Equalizer indicators
**68** ◴/CLOCK SET button
**69** SLEEP button
**70** REC button and indicator
**71** DAILY button and indicator

• AMS is the abbreviation for Automatic Music Sensor.

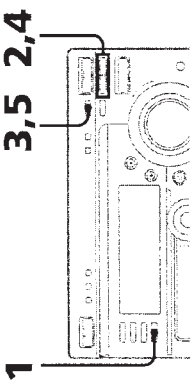
This section is extracted from instruction manual.



## Step 3: Setting the time

You must set the time before using the timer functions. The clock is on a 24-hour system for the European and Brazilian models, and a 12-hour system for other models.

The 24-hour system model is used for illustration purposes.

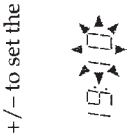



**1** Press ◴/CLOCK SET.
The hour indication flashes.

**2** Press TUNING +/– to set the hour.

**3** Press ENTER/NEXT.
The minutes indication flashes.

**4** Press TUNING +/– to set the minutes.



**5** Press ENTER/NEXT.
The clock starts.

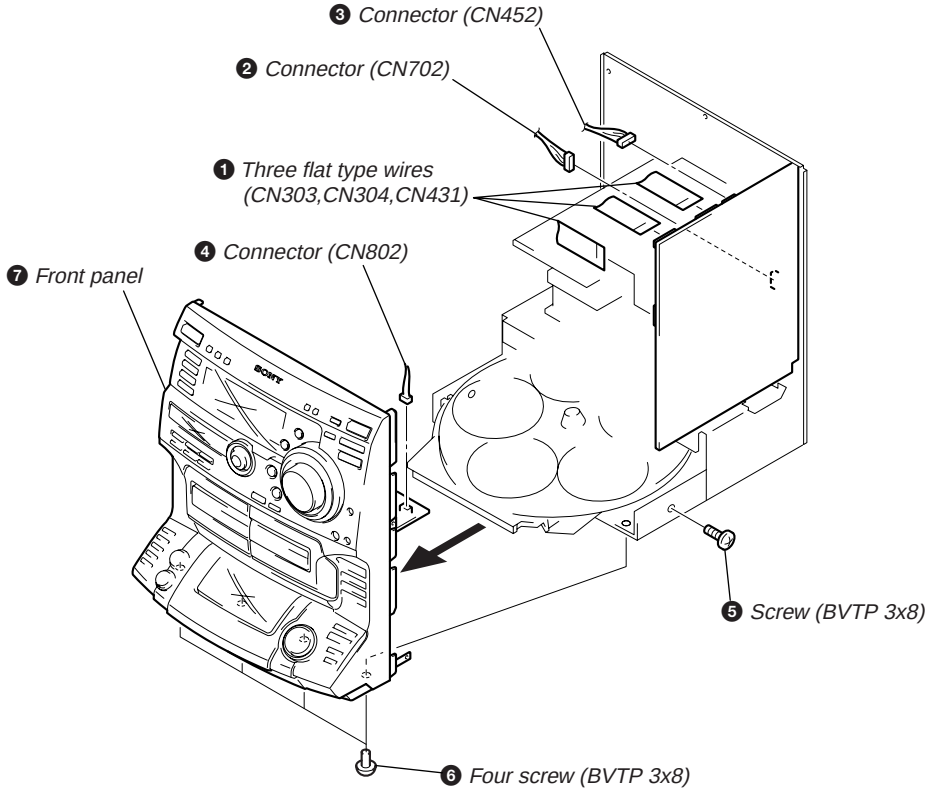
**Tip**
If you make a mistake, start over from step 1.

**Notes**
• You cannot set the time in Power Saving mode (see page 11).
• The clock setting is canceled when you disconnect the power cord or if a power failure occurs.

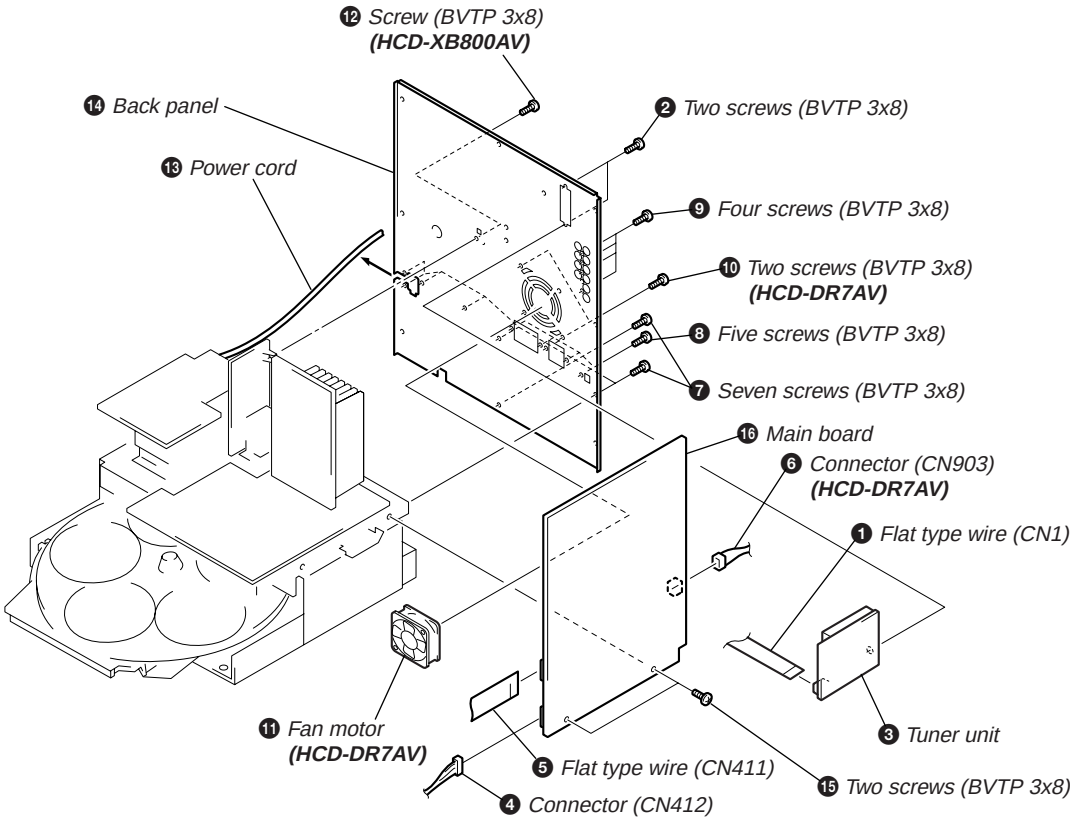
# SECTION 3
# DISASSEMBLY

**Note:** Follow the disassembly procedure in the numerical order given.

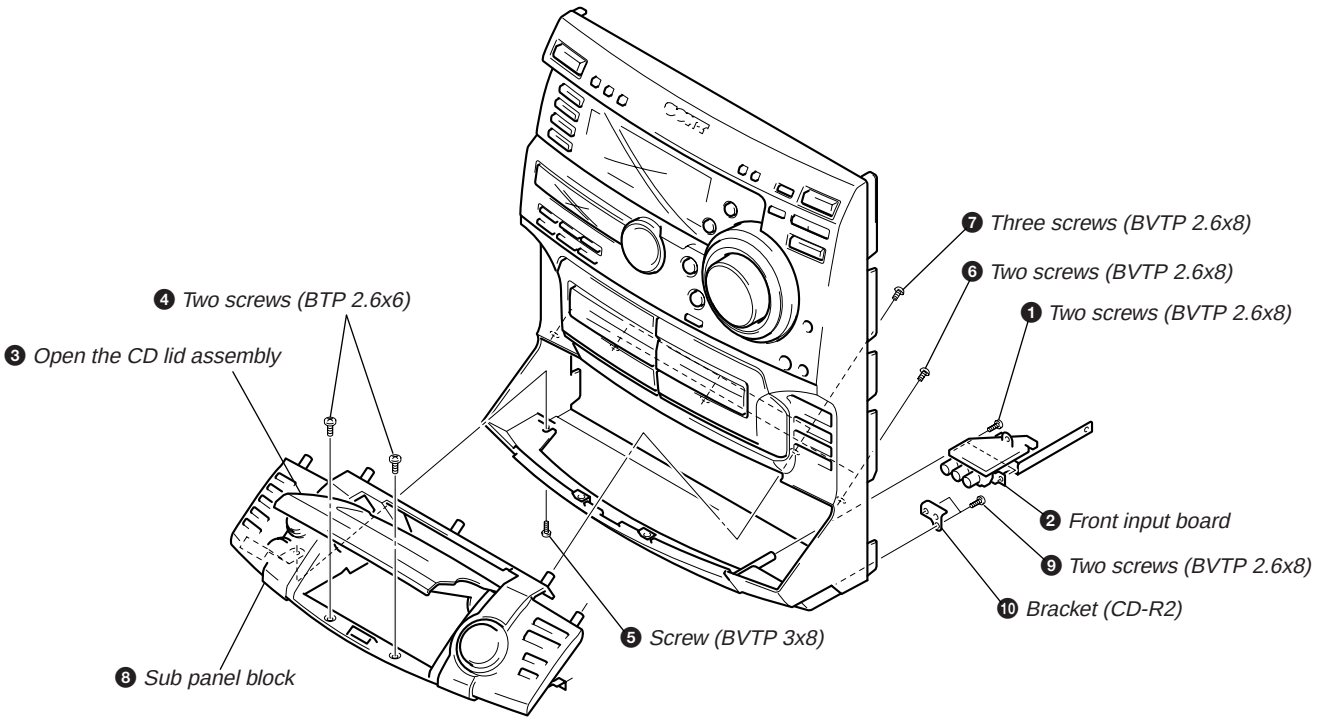
## 3-1. FRONT PANEL



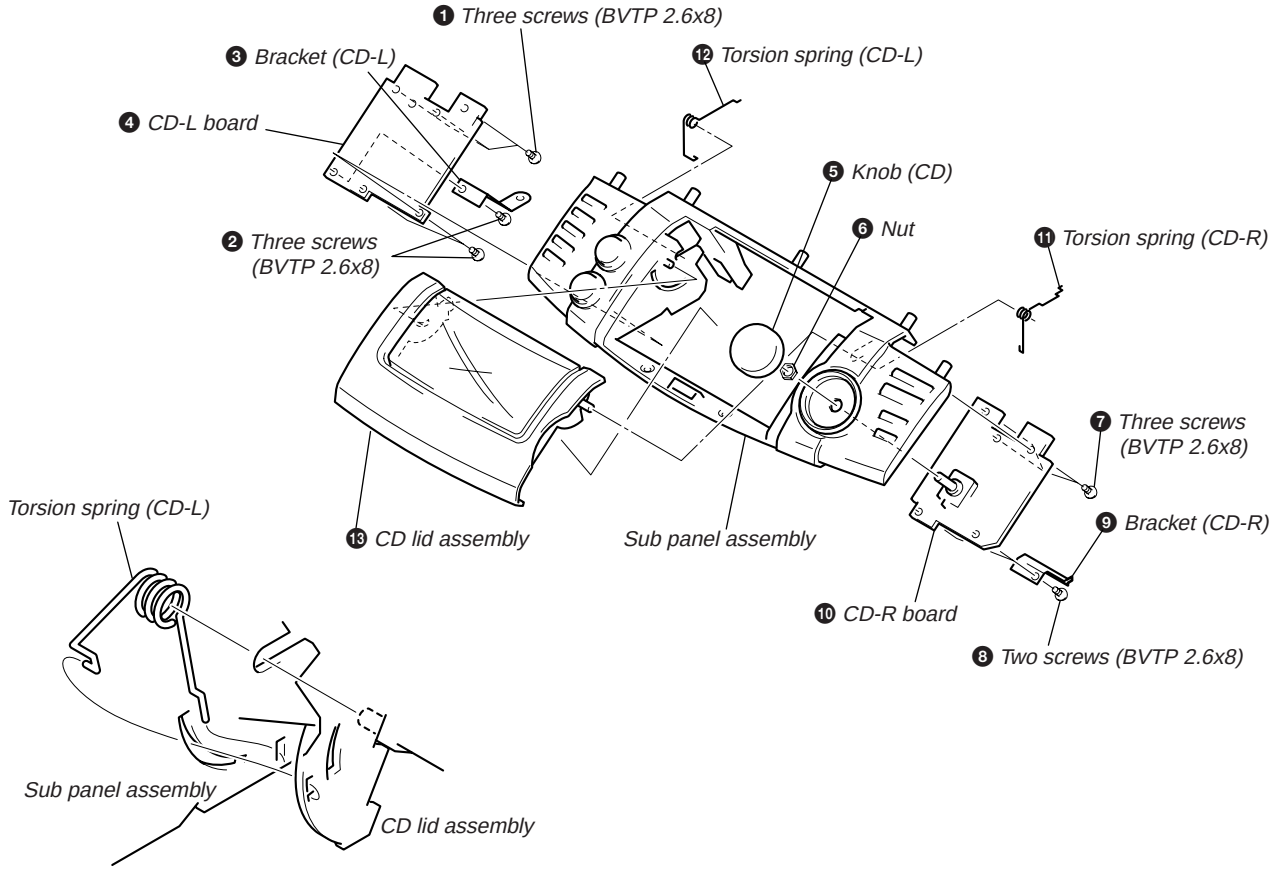

## 3-2. MAIN BOARD


⓬ Screw (BVTP 3x8) (HCD-XB800AV)
⓮ Back panel
❷ Two screws (BVTP 3x8)
⓭ Power cord
❾ Four screws (BVTP 3x8)
❿ Two screws (BVTP 3x8) (HCD-DR7AV)
❽ Five screws (BVTP 3x8)
❼ Seven screws (BVTP 3x8)
⓰ Main board
❻ Connector (CN903) (HCD-DR7AV)
❶ Flat type wire (CN1)
❸ Tuner unit
⓫ Fan motor (HCD-DR7AV)
❺ Flat type wire (CN411)
❹ Connector (CN412)
⓯ Two screws (BVTP 3x8)

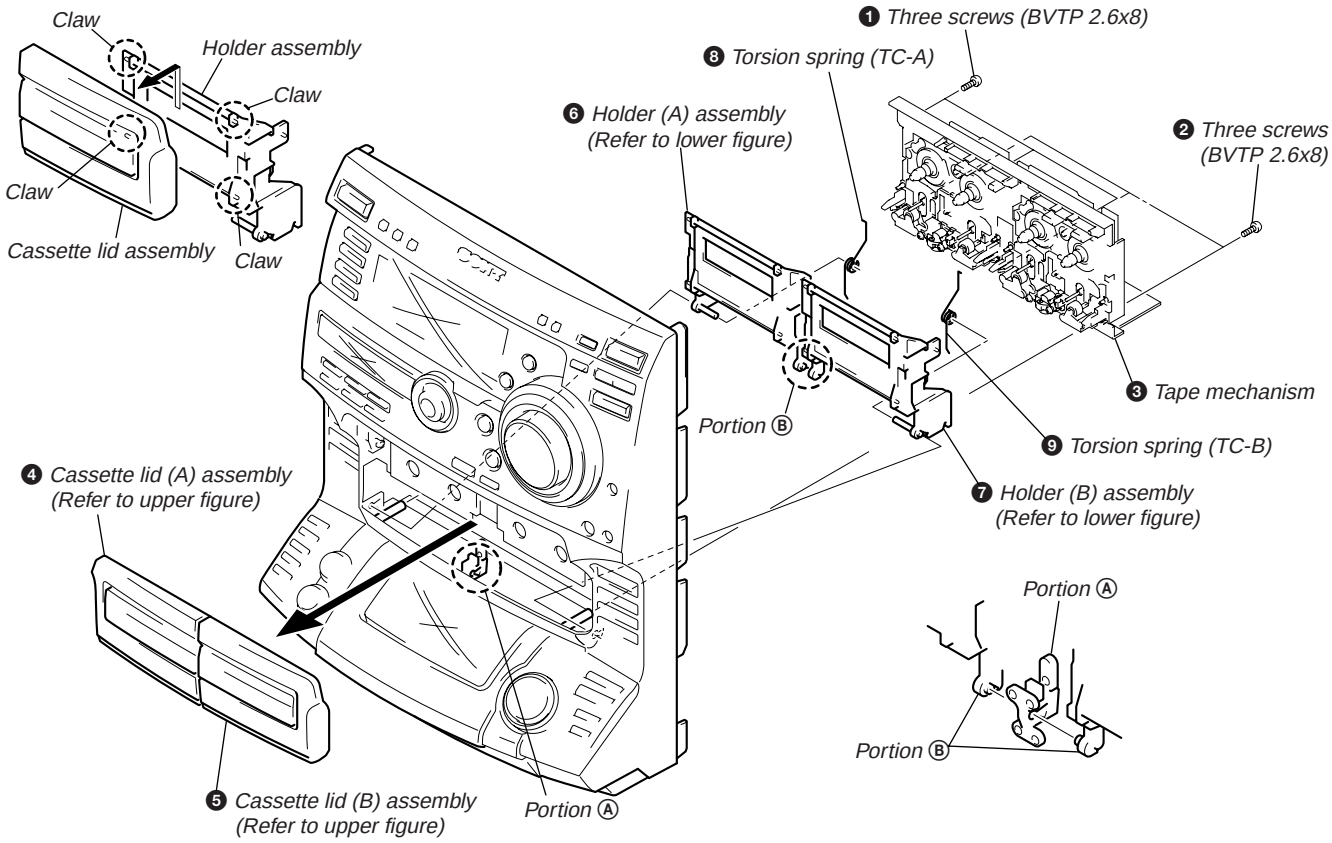
### 3-3. SUB PANEL


❼ Three screws (BVTP 2.6x8)
❻ Two screws (BVTP 2.6x8)
❶ Two screws (BVTP 2.6x8)
❹ Two screws (BTP 2.6x6)
❸ Open the CD lid assembly
❷ Front input board
❾ Two screws (BVTP 2.6x8)
❿ Bracket (CD-R2)
❺ Screw (BVTP 3x8)
❽ Sub panel block

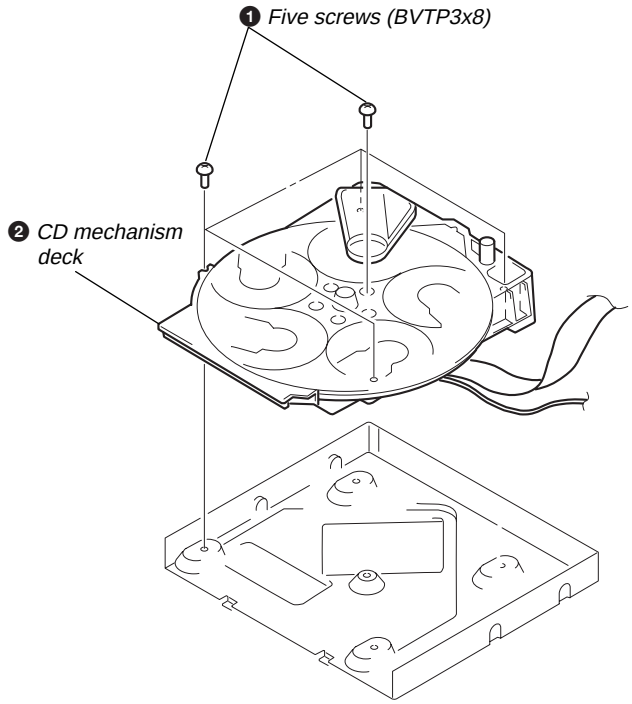
### 3-4. CD-L/CD-R BOARD AND CD LID ASSEMBLY



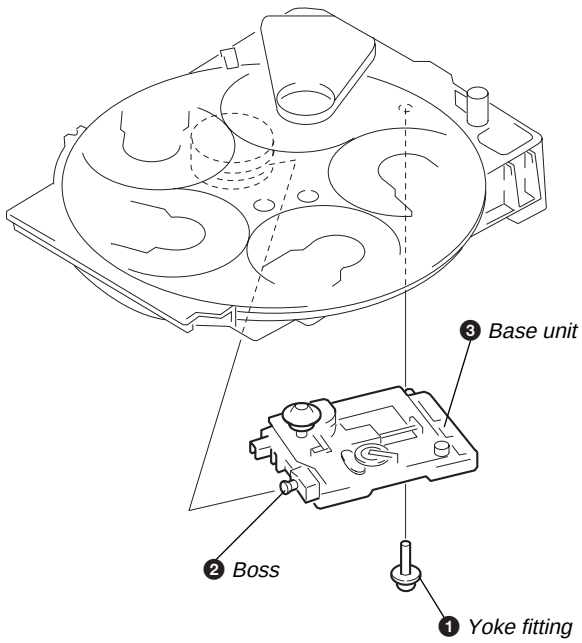
### 3-5. TAPE MECHANISM DECK AND CASSETTE LID




### 3-6. CD MECHANISM DECK

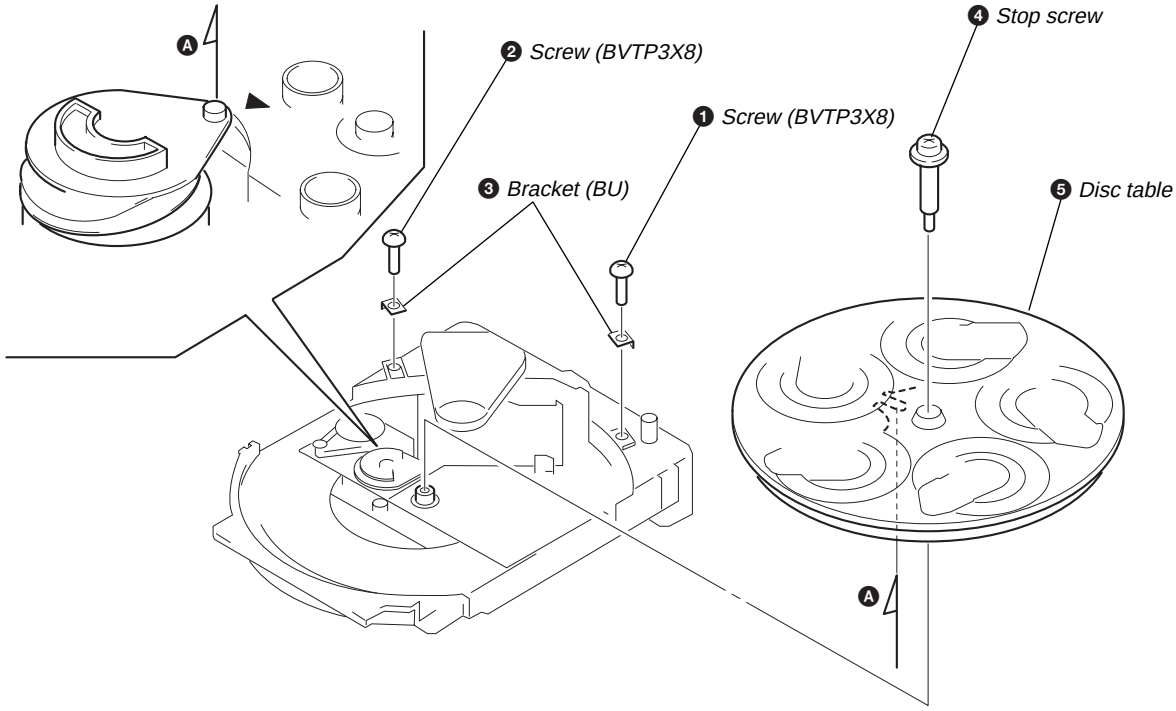



### 3-7. BASE UNIT



### 3-8. DISC TABLE

**Note:**
When the disc table is installed, adjust the positions of roller cam and mark ▶ as shown in the figure, then set to the groove of disc table.



# SECTION 4
# SERVICE MODE

### MC Cold Reset

• The cold reset clears all data including preset data stored in the RAM to initial conditions. Execute this mode when returning the set to the customer.

**Procedure:**

1. Press three buttons [⏲/CLOCK SET], [ENTER], and [I/⏻] simultaneously.
2. "COLD RESET" is displayed on the fluorescent display tube and reset is executed.

### CD Delivery Mode

• This mode moves the pick-up to the position durable to vibration. Use this mode when returning the set to the customer after repair.

**Procedure:**

1. Press [I/⏻] button to turn the set ON.
2. Press [LOOP] button and [I/⏻] button simultaneously.
3. A message "LOCK" is displayed on the fluorescent indicator tube, and the CD delivery mode is set.

### MC Hot Reset

• This mode resets the set with the preset data kept stored in the memory. The hot reset mode functions same as if the power cord is plugged in and out.

**Procedure:**

1. Press three buttons [⏲/CLOCK SET], [ENTER], and [DISC 1] simultaneously.
2. The fluorescent indicator tube becomes blank instantaneously, and the set is reset.

### Sled Servo Mode

• This mode can run the CD sled motor freely. Use this mode, for instance, when cleaning the pick-up.

**Procedure:**

1. Press [I/⏻] button to turn the set ON.
2. Press three buttons [⏲/CLOCK SET], [ENTER], and [DISC 5] simultaneously.
3. The Sled Servo mode is selected, if "CD" is blanking on the fluorescent indicator tube.
4. With the CD in stop status, When the [I◀◀ AMS ▶▶I] knob is rotated in the clockwise direction, the pick-up moves outside. When rotated counterclockwise, it moves inside.
5. To exit from this mode, perform as follows:
   1) Move the pick-up to the most inside track.
   2) Execute MC cold reset. (Press the three buttons [⏲/CLOCK SET], [ENTER], and [I/⏻] button simultaneously.)

**Note:**

• Always move the pick-up to most inside track when exiting from this mode. Otherwise, a disc will not be unloaded.
• Do not run the sled motor excessively, otherwise the gear can be chipped.

### Change-over of AM Tuner Step between 9kHz and 10kHz (DR7AV Only)

• A step of AM channels can be changed over between 9kHz and 10kHz.

**Procedure:**

1. Press [I/⏻] button to turn the set ON.
2. Select the function "TUNER", and press [TUNER/BAND] button to select the BAND "AM".
3. Press [I/⏻] button to turn the set OFF.
4. Press [ENTER] and [I/⏻] buttons simultaneously, and the display of fluorescent indicator tube changes to "AM 9k STEP" or "AM 10k STEP", and thus the channel step is changed over.

### LED and Fluorescent Indicator Tube All Lit, Key Check Mode

**Procedure:**

1. Press three buttons [⏲/CLOCK SET], [ENTER], and [DISC 2] simultaneously.
2. LEDs and fluorescent indicator tube are all turned on.
   Press [DISC 2] button, and the key check mode is activated.
3. In the key check mode, the fluorescent indicator tube displays "K @V0 J0". Each time a button is pressed, "K"value increases. However, once a button is pressed, it is no longer taken into account.
   "J" Value increases like 1, 2, 3 ... if rotating [I◀◀ AMS ▶▶I] knob in "+" direction, or it decreases like 0, 9, 8 ... if rotating in "-" direction.
   "V" Value increases like 1, 2, 3 ... if rotating [VOLUME] knob in "+" direction, or it decreases like 0, 9, 8 ... if rotating in "-" direction.
4. To exit from this mode, press three buttons in the same manner as step 1, or disconnect the power cord.

### AMS Test Mode

• This mode is used for checking the AMS operations of the tape deck.

JIG
7-819-039-12 Alignment tape, AMS-110A

**Procedure:**

1. Press the I/⏻ button to turn the set ON.
2. Set the tape (AMS-110A).
3. Press the three buttons ⏲/CLOCK SET , ENTER , and DISC 3 button simultaneously.
4. "TEST MODE" is displayed on the fluorescent display tube.
5. Press the FUNCTION button and switch the function to the deck with the tape (AMS-110A).
6. Press the CD SYNCHRO button. "AMS CHECK" is displayed on the fluorescent display tube and the tape is rewound.
7. AMS starts in the normal direction. If the AMS count is 2 at shut down, proceed to step 8.
   "NG" is displayed at other times, and the deck stops.
8. AMS starts in the opposite direction. If the AMS count is 2 at shut down again, "OK" is displayed.
   "NG" is displayed at other times.

### Aging Mode

During the aging mode, both the CD player and tape deck are executed together.

**• If an error occurs:**

Aging stops, and the error state is displayed on the fluorescent display tube.

**• If no error occurs:**

Aging is repeated.

**Procedure:**

1. Press the I/⏻ button to turn the set ON.
2. Load 10 minute tapes with unbent rec-proof tabs in decks A and B.
3. Set CDs on the DISC 1 and DISC 4 tables.
4. Set the CD mode REPEAT to OFF and PLAY MODE to ALL DISCS.
   (Press the PLAY MODE and REPEAT buttons to set these modes.)
5. Press the FUNCTION button to switch the function to "CD".
6. Press the three buttons ⏲/CLOCK SET , ENTER , and DISC 4 button simultaneously.
7. Aging starts.
8. To end aging, press the I/⏻ button to turn the set OFF.

**Aging Sequence:**

Aging is performed in the following sequence.

**• Tape Deck**

1. The tape in deck A is rewound. "TAPE A AG-1" is displayed.
2. The FWD side of deck A is played for two minutes.
   "TAPE A AG-2" is displayed.
3. The tape in deck A is fast forwarded. "TAPE A AG-3" is displayed. Fast forward is carried out for 20 seconds or to the tape end.
4. The RVS side of deck A is played for two minutes.
   "TAPE A AG-4" is displayed.
5. The tape in deck A is rewound. "TAPE A AG-5" is displayed.
6. The FWD side of deck B is played for two minutes.
   "TAPE B AG-2" is displayed.
7. The tape in deck B is fast forwarded. "TAPE B AG-3" is displayed. Fast forward is carried out for 20 seconds or to the tape end.
8. The RVS side of deck B is played for two minutes.
   "TAPE B AG-4" is displayed.
9. The tape in deck A is rewound. "TAPE A AG-5" is displayed.
10. Repeated from step 2.

**• CD**

1. The tray rotates.
2. DISC 1 is chucked.
3. The TOC is read.
4. The first track is played for 2 seconds.
5. The last track is played for 2 seconds.
6. The tray rotates.
7. DISC 4 is chucked.
8. The TOC is read.
9. The first track is played for 2 seconds.
10. The last track is played for 2 seconds.
11. Repeated from step 1.

• Display when ended abnormally
When the tape deck is abnormal:

The state when ended abnormally is displayed.
The contents of display are the same as that during aging.

**When the CD player is abnormal:**

A message indicating that errors such as “CD MEC ERR” have occurred.
Check the error contents in the following error history display mode.

### Error History Display Mode

Mode which enables the history of error occurring in the CD player to be checked.
Execute this mode after ending the aging mode.

**Procedure:**
1. Press the I/⏻ button to turn the set ON.
2. Press the three buttons ⏲/CLOCK SET , ENTER , and CD SYNCHRO simultaneously.
3. A message such as “EMC@@EDC**” is displayed.
   @@ : Number of mechanical errors (Up to three past errors)
   ** : Number of errors (NO DISC ERROR) which occurs after chucking (Up to three past errors)
4. When checking the history of mechanical errors, press the PLAY MODE button. When checking errors after chucking, press the REPEAT button to switch the display.
5. Press the I/⏻ button to end and turn the set OFF.
6. To erase the error history, perform COLD reset.
   (Press the three buttons ⏲/CLOCK SET , ENTER , and DISC 1 simultaneously.

• Viewing the mechanical error history display
(Switch the history by pressing the PLAY MODE button.)

Display
E@@M#*****

@@ : Error number. 00 is the newest.

# : Operating state of table

0 : Currently in the INITIAL mode
7 : Currently rotating to the right
8 : Currently rotating to the left
A : Currently chucking down
B : Currently chucking up

* : Invalid

• Viewing the NO DISC ERROR history display
(Switch the history by pressing the REPEAT button.)

Display
E@@D##$$%*

@@ : Error number. 00 is the newest

## : Error contents
01: Focus error
02: GFS error
03: Setup error

$$ : Retries
00: NO DISC is determined without attempting chucking retry
02: NO DISC is determined after chucking retry.

% : State when determined as NO DISC
1 : When stopped
2 : At setup
3 : At TOC READ
4 : When accessing
5 : When playing
6 : When pausing
7 : When manual searching (during play)
8 : When manual searching (during pausing)
* : Invalid

# SECTION 5
# MECHANICAL ADJUSTMENTS

### Precaution

1. Clean the following parts with a denatured alcohol-moistened swab:
   record/playback heads — pinch rollers
   erase head — rubber belts
   capstan — idlers
2. Demagnetize the record/playback head with a head demagnetizer.
3. Do not use a magnetized screwdriver for the adjustments.
4. After the adjustments, apply suitable locking compound to the parts adjusted.
5. The adjustments should be performed with the rated power supply voltage unless otherwise noted.

### Torque Measurement

| Mode | Torque meter | Meter reading |
|---|---|---|
| FWD | CQ-102C | 31 to 71 g • cm (0.43 – 0.98 oz • inch) |
| FWD back tension | CQ-102C | 2 to 6 g • cm (0.02 – 0.08 oz • inch) |
| REV | CQ-102RC | 31 to 71 g • cm (0.43 – 0.98 oz • inch) |
| REV back tension | CQ-102RC | 2 to 6 g • cm (0.02 – 0.08 oz • inch) |
| FF/REW | CQ-201B | 71 to 143 g • cm (0.98 – 1.99 oz • inch) |
| FWD tension | CQ-403A | 100 g or more (3.53 oz or more) |
| REV tension | CQ-403R | 100 g or more (3.53 oz or more) |

# SECTION 6
# ELECTRICAL ADJUSTMENTS

**DECK SECTION** **0 dB=0.775V**

1. Demagnetize the record/playback head with a head damagnetizer.
2. Do not use a magnetized screwdriver for the adjustments.
3. After the adjustments, apply suitable locking compound to the parts adjusted.
4. The adjustments should be performed with the rated power supply voltage unless otherwise noted.
5. The adjustments should be performed in the order given in this service manual. (As a general rule, playback circuit adjustment should be completed before performing recording circuit adjustment.)
6. The adjustments should be performed for both L-CH and R-CH.
7. Switches and controls should be set as follows unless otherwise specified.

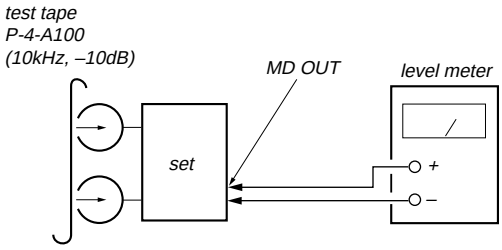
| Tape | Signal | Used for |
|---|---|---|
| P-4-A100 | 10 kHz, –10 dB | Azimuth Adjustment |
| WS-48B | 3 kHz, 0 dB | Tape Speed Adjustment |
| P-4-L300 | 315 Hz, 0 dB | Level Adjustment |

### Record/Playback Head Azimuth Adjustment (Deck A, Deck B)

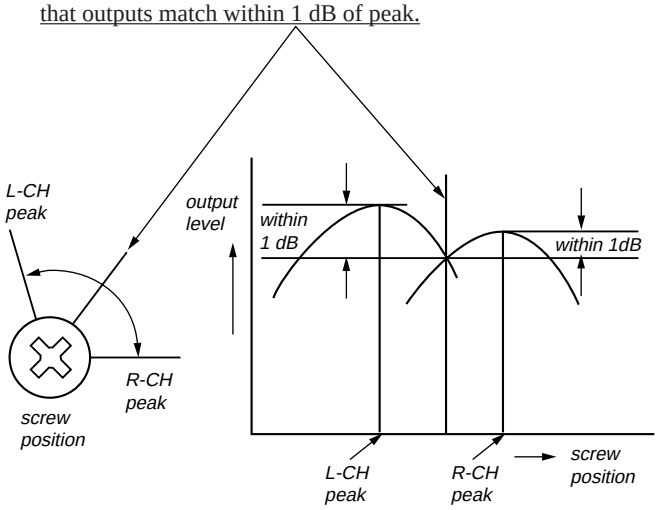
**Note:** Perform this adjustments for both decks.

**Procedure:**

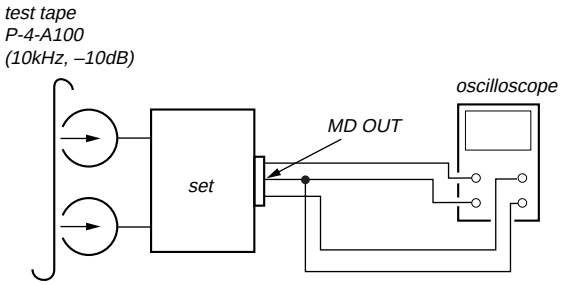
1. Mode : Playback

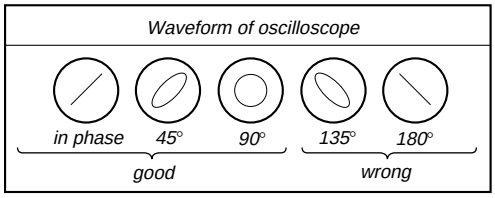



2. Turn the adjustment screw and check output peaks. If the peaks do not match for L-CH and R-CH, turn the adjustment screw so that outputs match within 1 dB of peak.



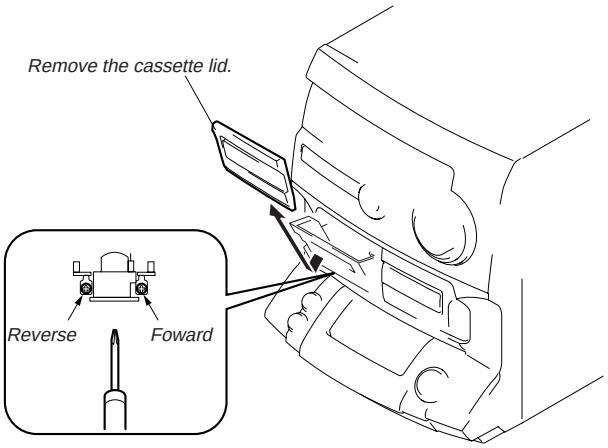
3. Mode: Playback




4. After the adjustments, apply suitable locking compound to the parts adjusted.

**Adjustment Location:** Playback Head (Deck A)
Record/Playback/Erase Head (Deck B)




### Tape Speed Adjustment (Deck A)

**Note:** Set the test mode using the following method and begin tape speed adjustment.
In the test mode, the speed will switch to double speed or normal speed each time the HI-SPEED DUB button is pressed.

**Procedure:**
With the power turned ON, press the ⏲/CLOCK SET button, ENTER button, and DISC 3 button simultaneously.
(The "VOLUME" on the fluorescent display tube will blink while in the test mode.)
To exit the test mode, press the I/⏻ button.

1. Insert the WS-48B into deck B.
2. Press the ▷ button of deck B.
3. Press the HI-SPEED DUB button and play the tape at double speed.
4. Adjust RV1001 of the LEAF SW board so that the reading of the frequency counter becomes 6000 ± 180 Hz.
5. Press the HI-SPEED DUB button and play the tape at normal speed.
6. Adjust RV1002 of the LEAF SW board so that the reading of the frequency counter becomes 3000 ± 90 Hz.

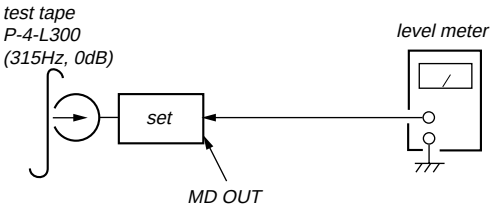
**Adjustment Location:** LEAF SW board

### Sample Value of Wow and flutter

W.RMS (JIS) less than 0.3%
(test tape: WS-48B)

### Playback Level Adjustment (Deck A, Deck B)

**Procedure:**
Mode: Playback

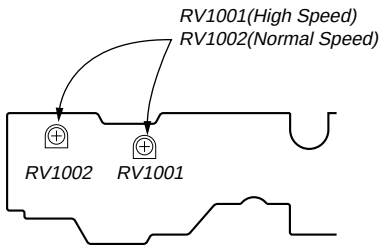



Deck A is RV311 (L-CH) and RV411 (R-CH), deck B is RV301 (L-CH) and RV401 (R-CH)
so that adjustment within the following adjustment level.

**Adjustment level:**
CN301 playback level: 301.5 to 338.3 mV (–8.2 to –7.2 dB)
level difference between the channels: within ± 0.5 dB
**Adjustment Location:** AUDIO board

---

### Adjustment Location [LEAF SW BOARD]

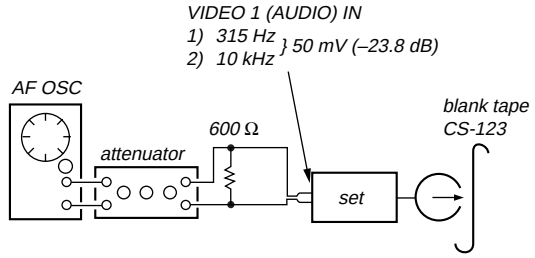


## Record Bias Adjustment (Deck B)

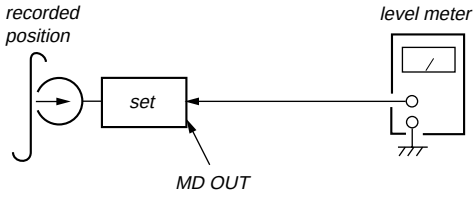
**Procedure:**

**INTRODUCTION**
When set to the test mode performed in **Tape Speed Adjustment**, when the tape is rewound after recording, the "REC memory mode" which rewinds only the recorded portion and playback is set.
This "REC memory mode" is convenient for performing this adjustment. During recording, the input signal FUNCTION will automatically switch to VIDEO 1.
(After recording, press the ◀◀ button without stopping will return to the position where recording was started.)

1. Press FUNCTION button to select VIDEO 1. (This step is not necessary if the above test mode has already been set.)
2. Insert a tape into deck B, press the ● REC button, and then press the ▷ button to start recording.
3. Mode: Record




4. Mode: Playback




5. Confirm playback the signal recorded in step 2 become adjustment level as follows.
   If these levels do not adjustment level, adjust the RV341 (L-CH) and RV441 (R-CH) on the AUDIO board to repeat steps 3 and 4.

**Adjustment level:** The playback output of 10 kHz level difference against 315 Hz reference should be ± 1.0 dB.

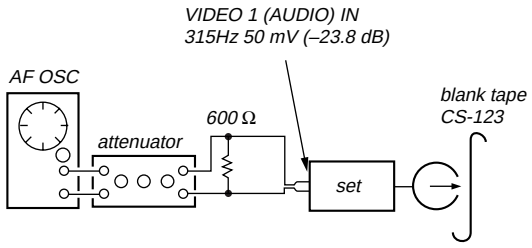
**Adjustment Location:** AUDIO board

## Record Level Adjustment (Deck B)

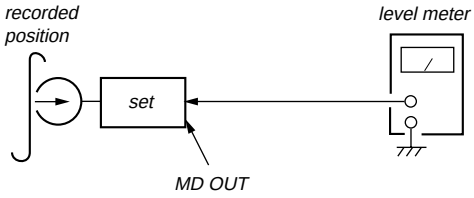
**Procedure:**

**INTRODUCTION**
When set to the test mode performed in **Tape Speed Adjustment**, when the tape is rewound after recording, the "REC memory mode" which rewinds only the recorded portion and playback is set.
This "REC memory mode" is convenient for performing this adjustment. During recording, the input signal FUNCTION will automatically switch to VIDEO 1.
(After recording, press the ◀◀ button without stopping will return to the position where recording was started.)

1. Press FUNCTION button to select VIDEO 1. (This step is not necessary if the above test mode has already been set.)
2. Insert a tape into deck B, press the ● REC button, and then press the ▷ button to start recording.
3. Mode: Record




4. Mode: Playback




5. Confirm playback the signal recorded in step 2 become adjustment level as follows.
   If these levels do not adjustment level, adjust the RV301 (L-CH) and RV351 (R-CH) on the MAIN board to repeat steps 3 and 4.

**Adjustment level:**
CN403 playback level: 47.2 to 53.0 mV (–24.3 to –23.3 dB)

**Adjustment Location:** MAIN board

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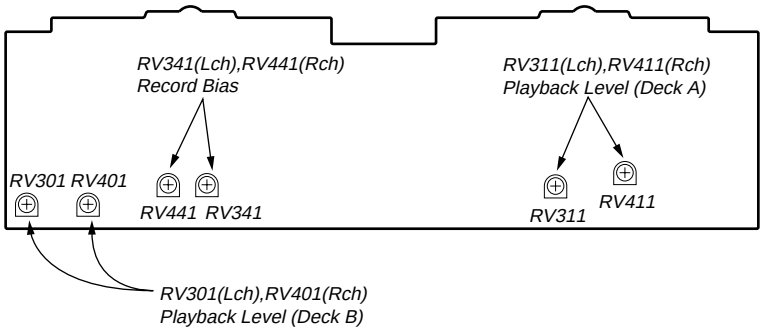
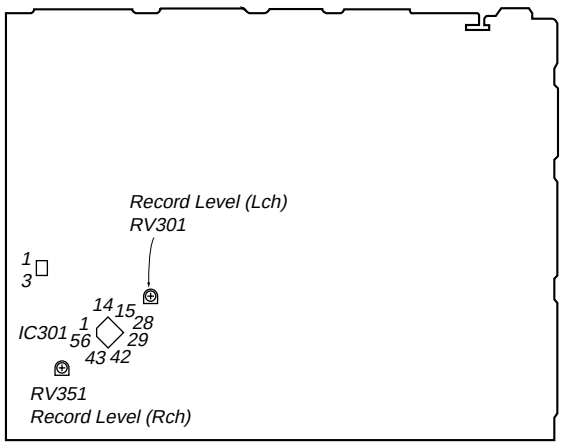
**Adjustment Location:**
**[AUDIO BOARD]** (Conductor Side)



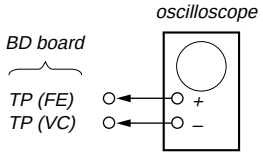

**[MAIN BOARD]** (Conductor Side)



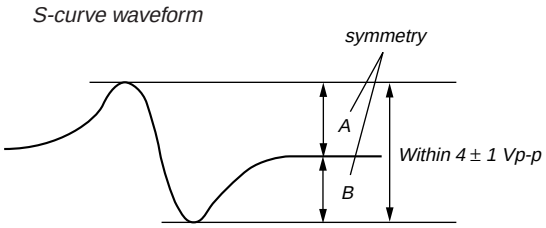
## CD SECTION

**Note:**
1. CD Block is basically constructed to operate without adjustment. Therefore, check each item in order given.
2. Use YEDS-18 disc (3-702-101-01) unless otherwise indicated.
3. Use an oscilloscope with more than 10MΩ impedance.
4. Clean the object lens by an applicator with neutral detergent when the signal level is low than specified value with the following checks.

### S Curve Check



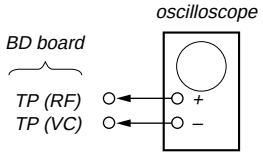

**Procedure :**
1. Connect the oscilloscope to test points TP (FE) and TP (VC).
2. Connect TP (FEI) and GND, and TP (AGCCON) and GND of the BD board with lead wires.
3. Press the I/⏻ button to turn the set ON.
4. With the disc (YEDS-18) loaded, press the ▷II button and perform focus search. (Focus search will be performed in the same way even while the disc table is pushed in and out.)
5. Check the symmetry and peak to peak level of the oscilloscope waveform (S curve) at this time.




6. After check, remove the lead wire connected in step 2.

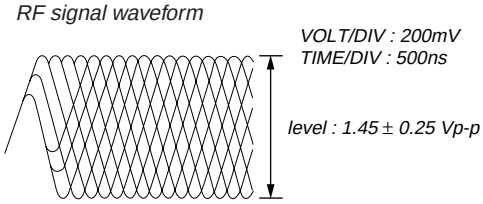
**Note:** • Try to measure several times to make sure than the ratio of A : B or B : A is more than 10 : 7.
• Take sweep time as long as possible and light up the brightness to obtain best waveform.

### RF Level Check

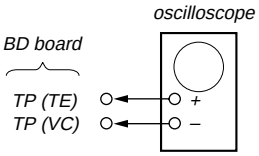



**Procedure :**
1. Connect oscilloscope to test point TP (RF) and TP (VC) on BD board.
2. Connect TP (AGCCON) and GND of the BD board with lead wires.
3. Press the I/⏻ button to turn the set ON.
4. Put disc (YEDS-18) in and playback 5 track.
5. Confirm that oscilloscope waveform is clear and check RF signal level is correct or not.
6. After check, remove the lead wire connected in step 2.

**Note:** Clear RF signal waveform means that the shape "◊" can be clearly distinguished at the center of the waveform.

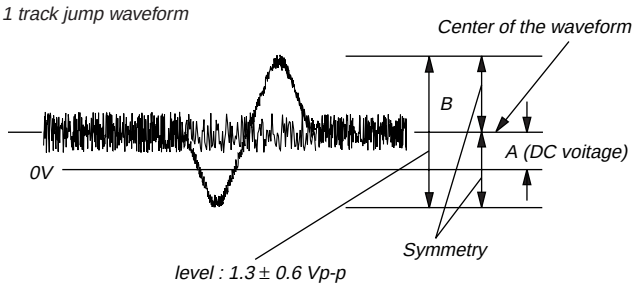



### E-F Balance (1 Track Jump) check



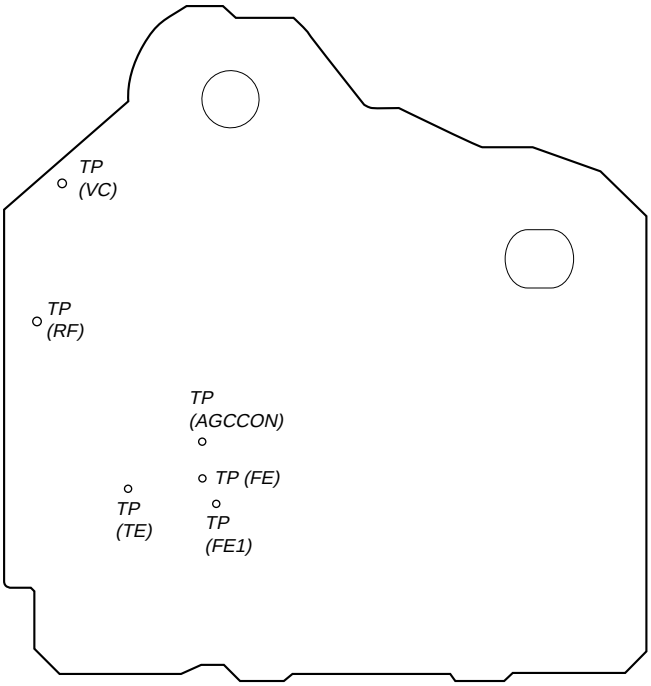

**Procedure:**
1. Connect oscilloscope to test point TP (TE) on BD board.
2. Press the I/⏻ button to turn the unit ON.
3. Put disc (YEDS-18) in to play the number five track.
4. Press the ▷II button.
5. Check the level B of the oscilloscope's waveform and the A (DC voltage) of the center of the Traverse waveform.
   Confirm the following:

   • A/B x 100 = less then ± 22 (%)
   • B = 1.3 ± 0.6 Vp-p



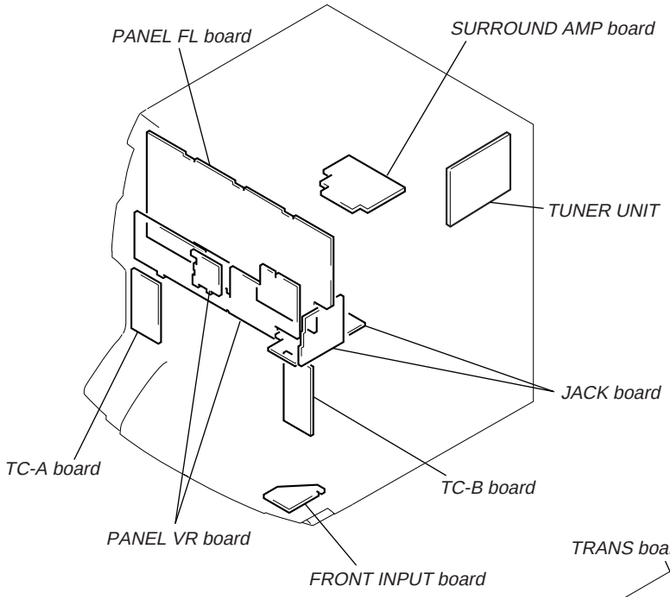

**Adjustment Location :**

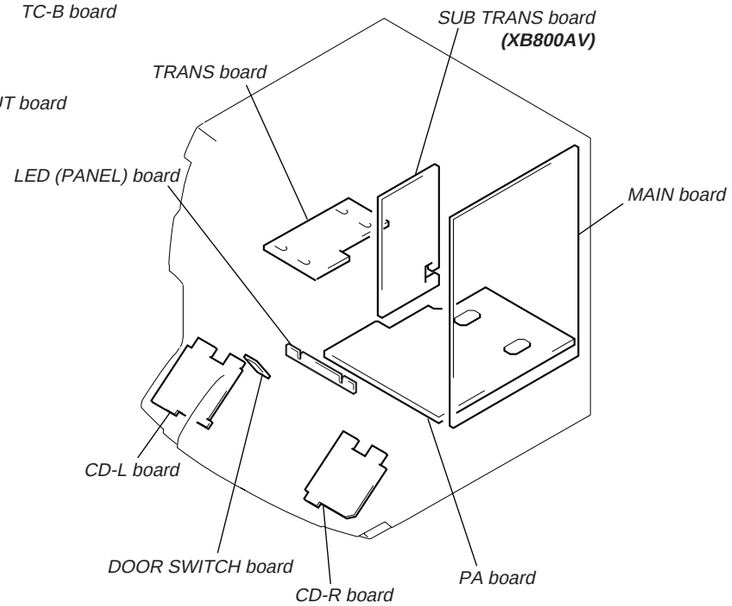
**[ BD BOARD ]** — SIDE A —

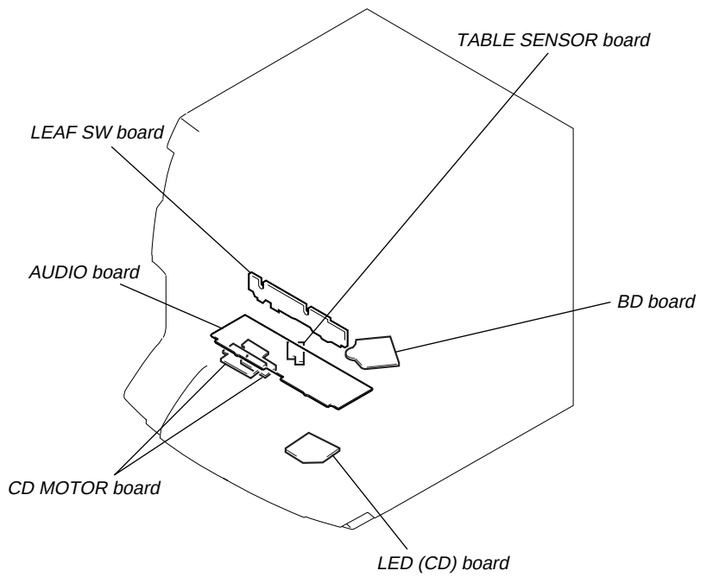


# SECTION 7
# DIAGRAMS

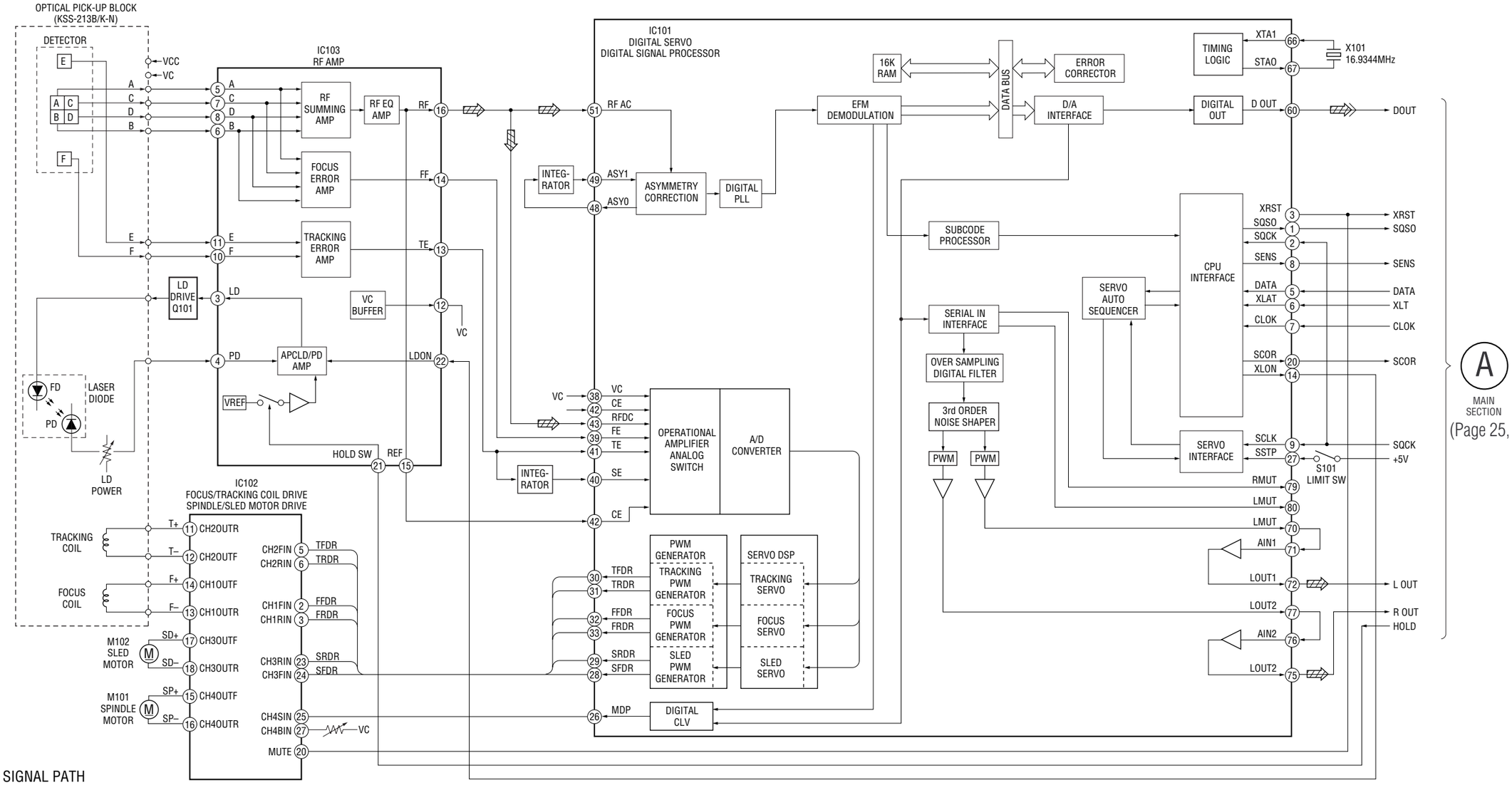
## 7-1. CIRCUIT BOARDS LOCATION



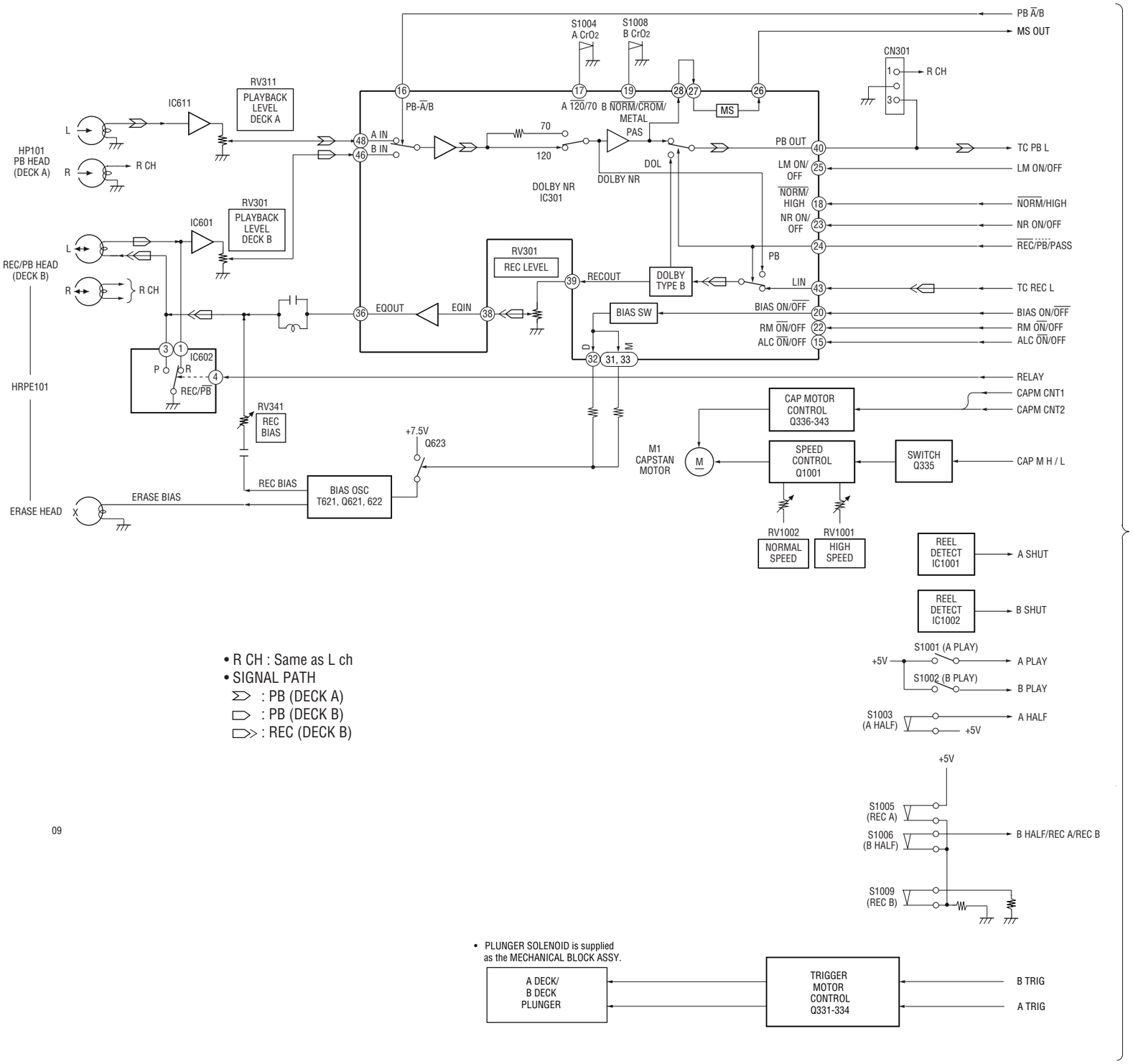
## 7-2. BLOCK DIAGRAMS
### – BD (CD) SECTION –




• SIGNAL PATH
: CD
: Digital out

09

## – DECK SECTION –

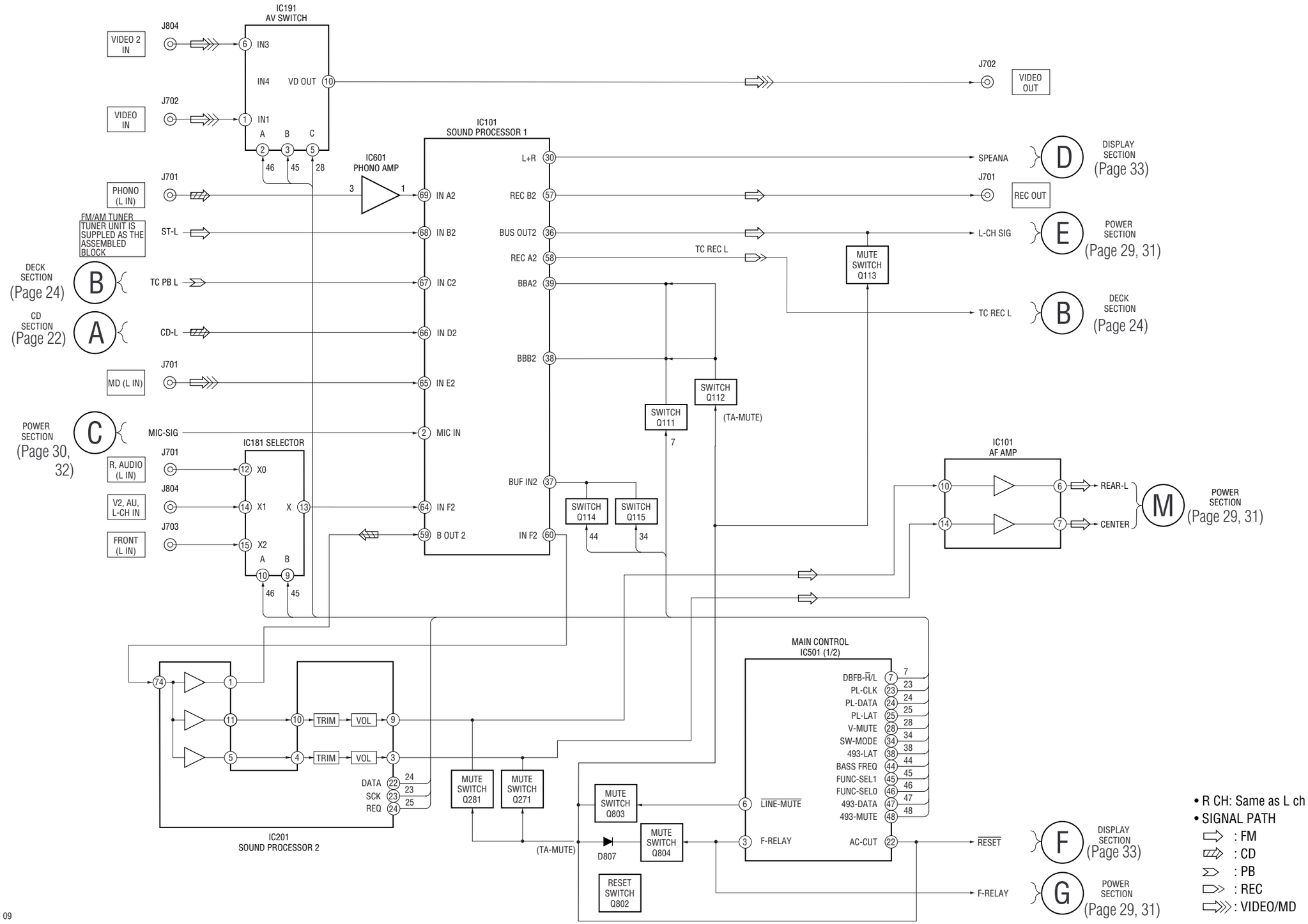



• R CH : Same as L ch
• SIGNAL PATH
  : PB (DECK A)
  : PB (DECK B)
  : REC (DECK B)

09

B
MAIN SECTION
(Page 25, 26, 27)

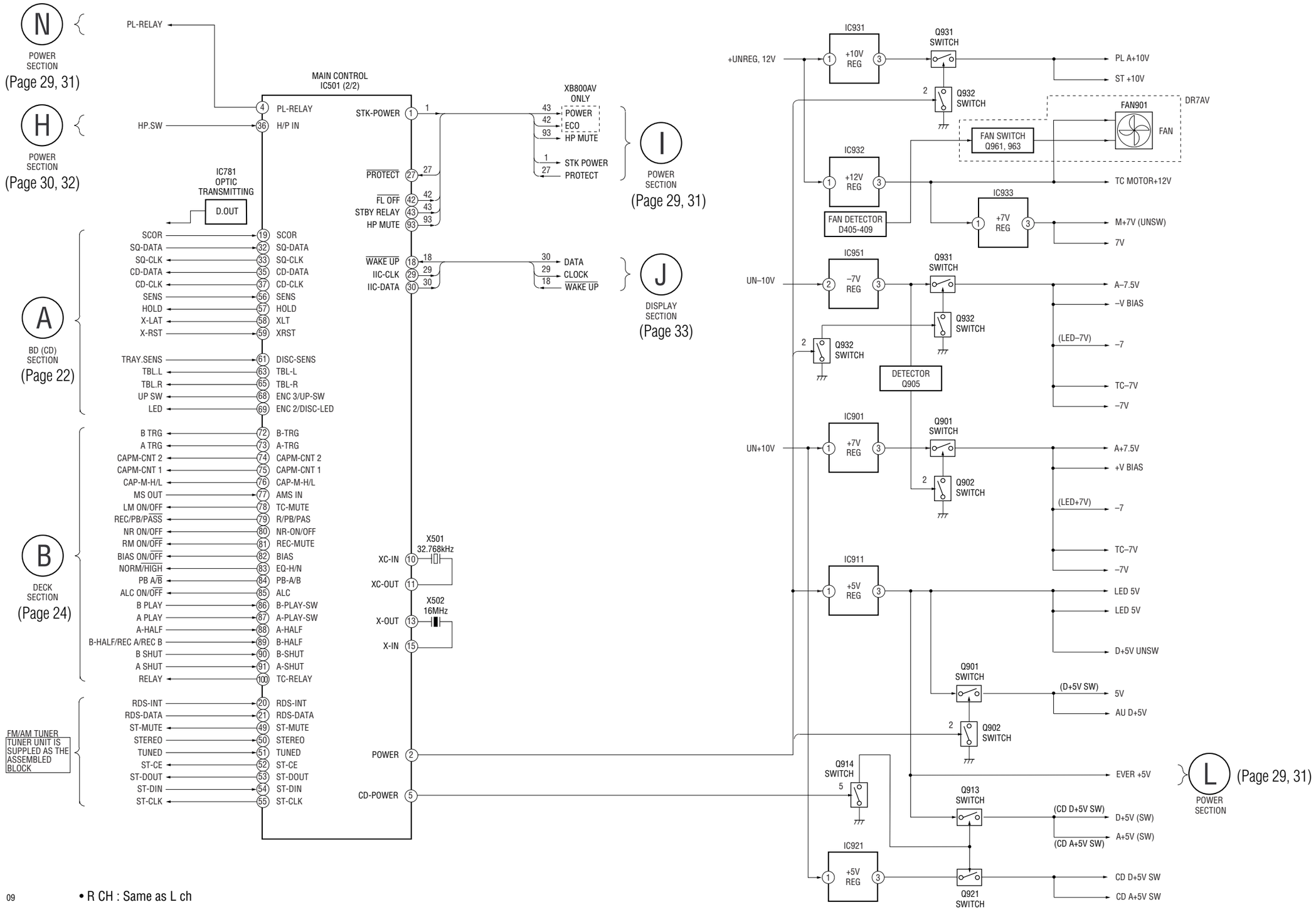
## – MAIN (1/2) SECTION –




- R CH: Same as L ch
- SIGNAL PATH
  - ⇨ : FM
  - ⇨ : CD
  - ⇨ : PB
  - ⇨ : REC
  - ⇨ : VIDEO/MD

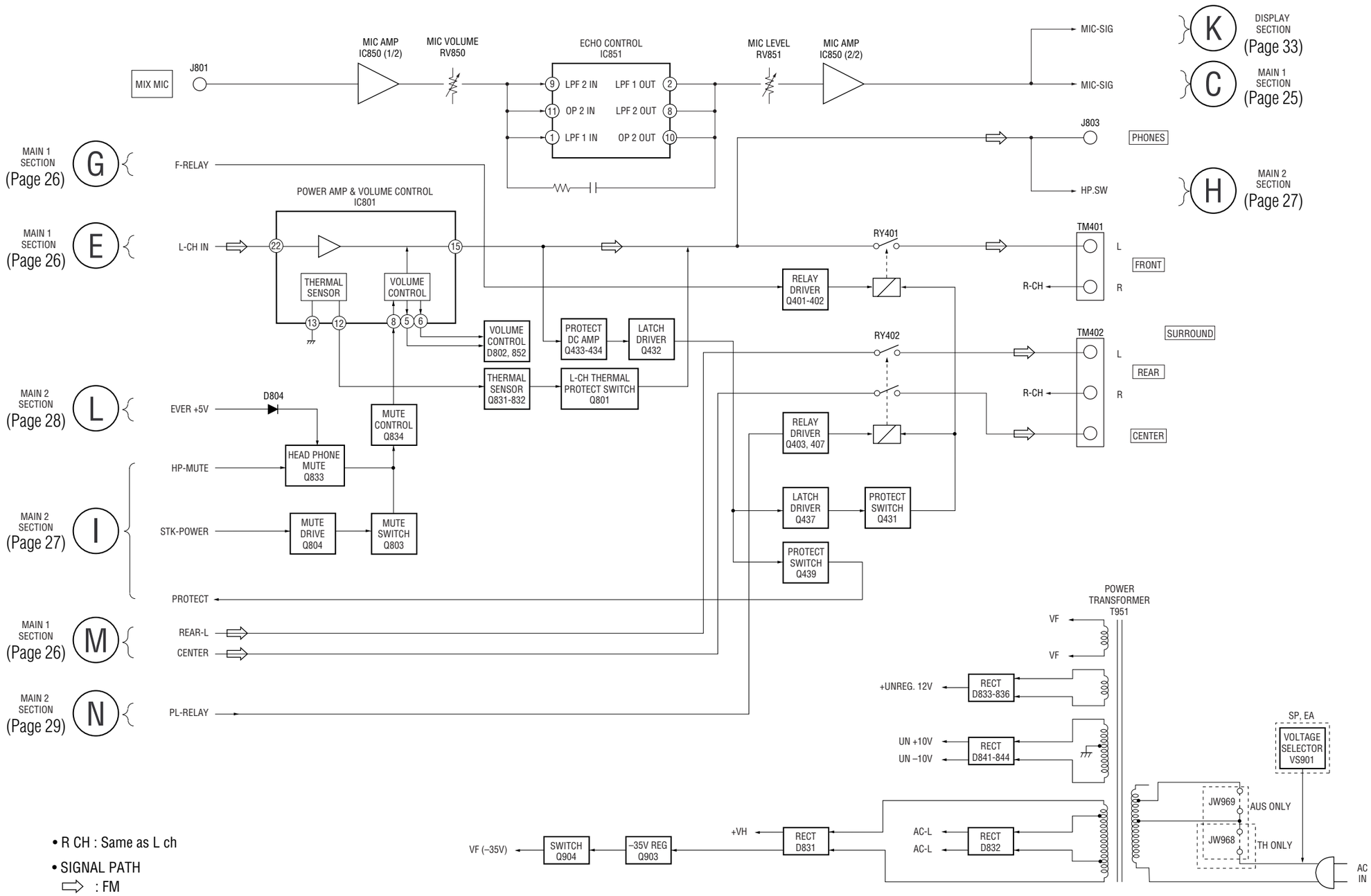
09

**– MAIN (2/2) SECTION –**




09 • R CH : Same as L ch

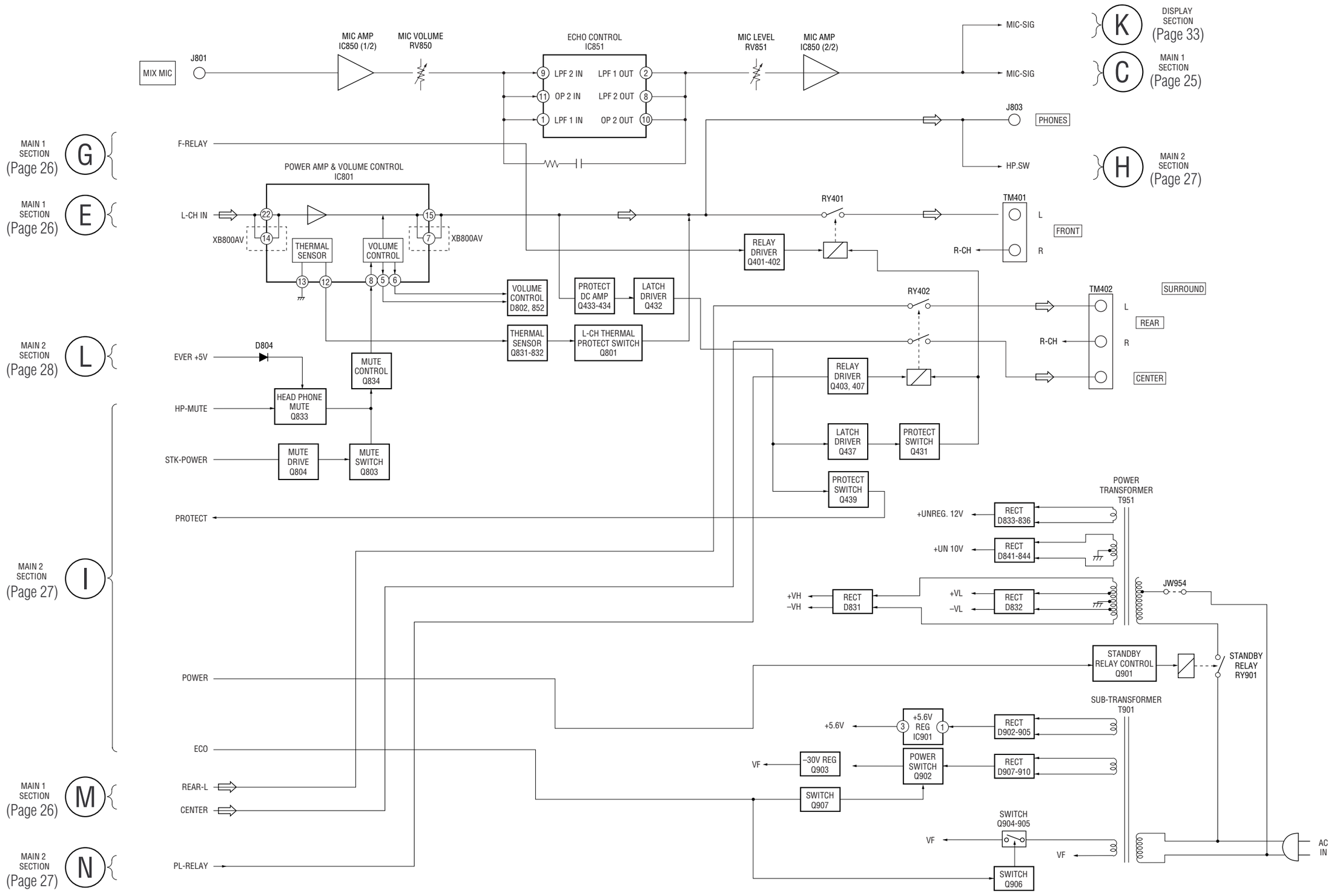
## – POWER SECTION – (DR7AV model)




- R CH : Same as L ch
- SIGNAL PATH
  ⇨ : FM

09

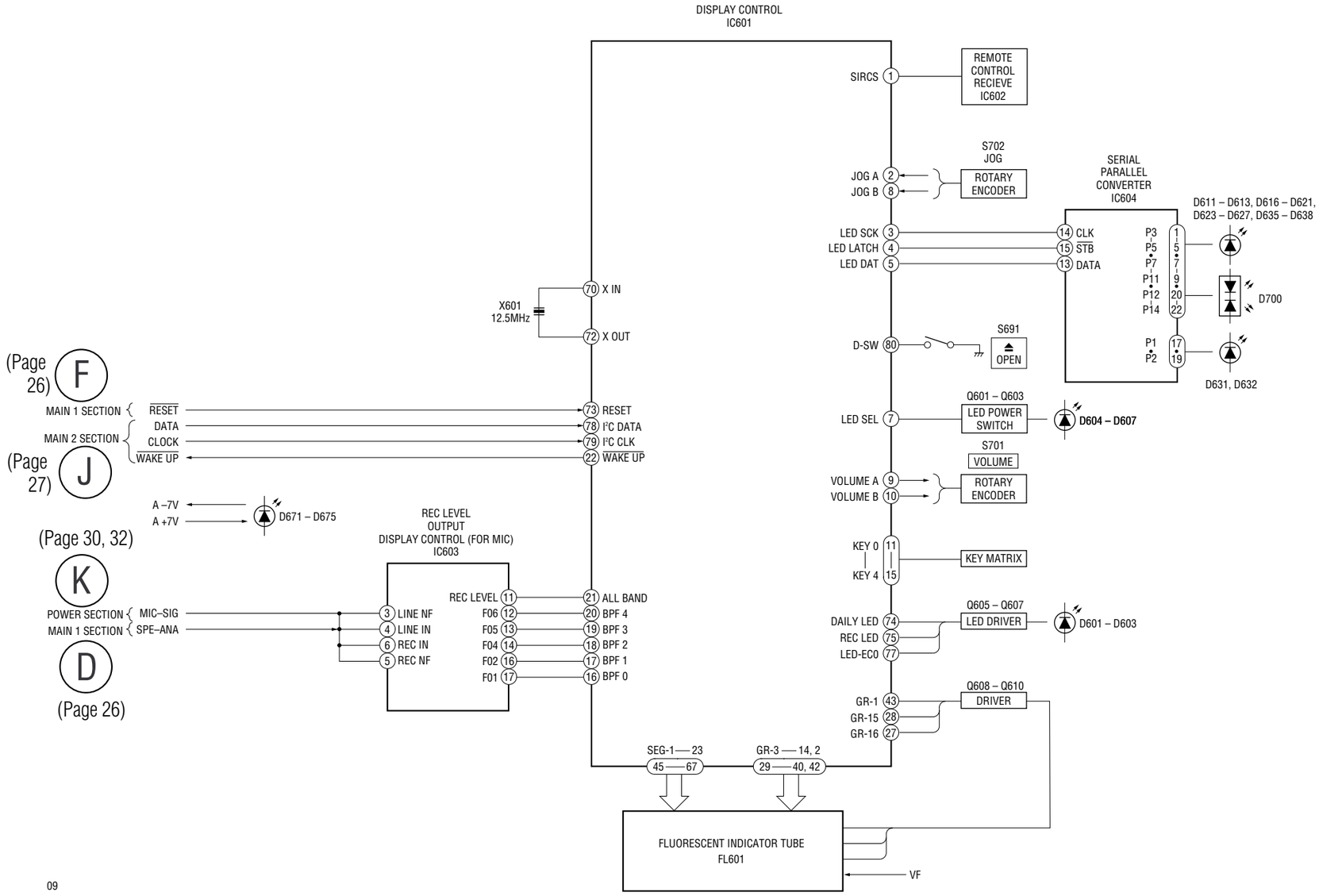
**– POWER SECTION – (XB800AV model)**




• R CH : Same as L ch
• SIGNAL PATH
⇨ : FM

09

## – DISPLAY SECTION –



**THIS NOTE IS COMMON FOR PRINTED WIRING BOARDS AND SCHEMATIC DIAGRAMS.**
**(In addition to this, the necessary note is printed in each block.)**

**For schematic diagrams.**

**Note:**

- All capacitors are in µF unless otherwise noted. pF: µµF 50 WV or less are not indicated except for electrolytics and tantalums.
- All resistors are in Ω and 1/4 W or less unless otherwise specified.
- △ : internal component.
- ▭ : panel designation.

**Note:** The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety.
Replace only with part number specified.

- B+ : B+ Line.
- B– : B– Line.
- ▭ : adjustment for repair.
- Voltages and waveforms are dc with respect to ground under no-signal (detuned) conditions.
- Voltages are taken with a VOM (Input impedance 10 MΩ). Voltage variations may be noted due to normal production tolerances.
- Waveforms are taken with a oscilloscope. Voltage variations may be noted due to normal production tolerances.
- Circled numbers refer to waveforms.
- Signal path.
  - ⇨ : FM
  - ⇨ : VIDEO/MD
  - ⇨ : PB (DECK A)
  - ⇨ : PB (DECK B)
  - ⇨ : REC (DECK B)
  - ⇨ : CD
  - ⇨ : digital out
  - ⇨ : PHONO
- Abbreviation
  - EA : Saudi Arabia model.
  - AUS : Australian model.
  - SP : Singapore model.
  - TH : Thai model.

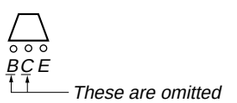
**For printed wiring boards.**

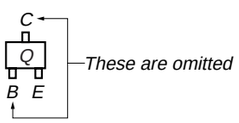
**Note:**

- ○——— : parts extracted from the component side.
- ○ : Through hole.
- △ : internal component.
- ▒ : Pattern from the side which enables seeing.

(The other layers' patterns are not indicated.)

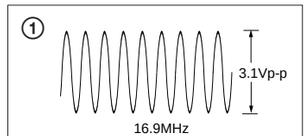
- **Indication of transistor**



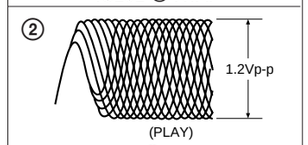





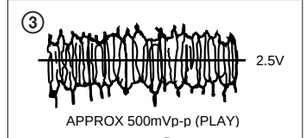

## WAVEFORMS
## – BD (CD) SECTION –



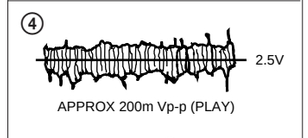

IC101 ⑯⑥ XTAI



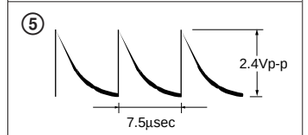

IC101 ⑤① RF AC




IC101 ④① TE

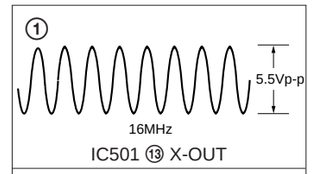



IC101 ③⑨ FE

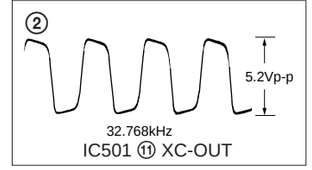



IC101 ②⑥ MDP

## – MAIN (2/5) SECTION –

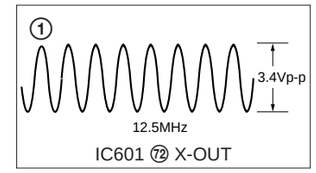



IC501 ⑬ X-OUT




IC501 ⑪ XC-OUT

## – PANEL FL SECTION –

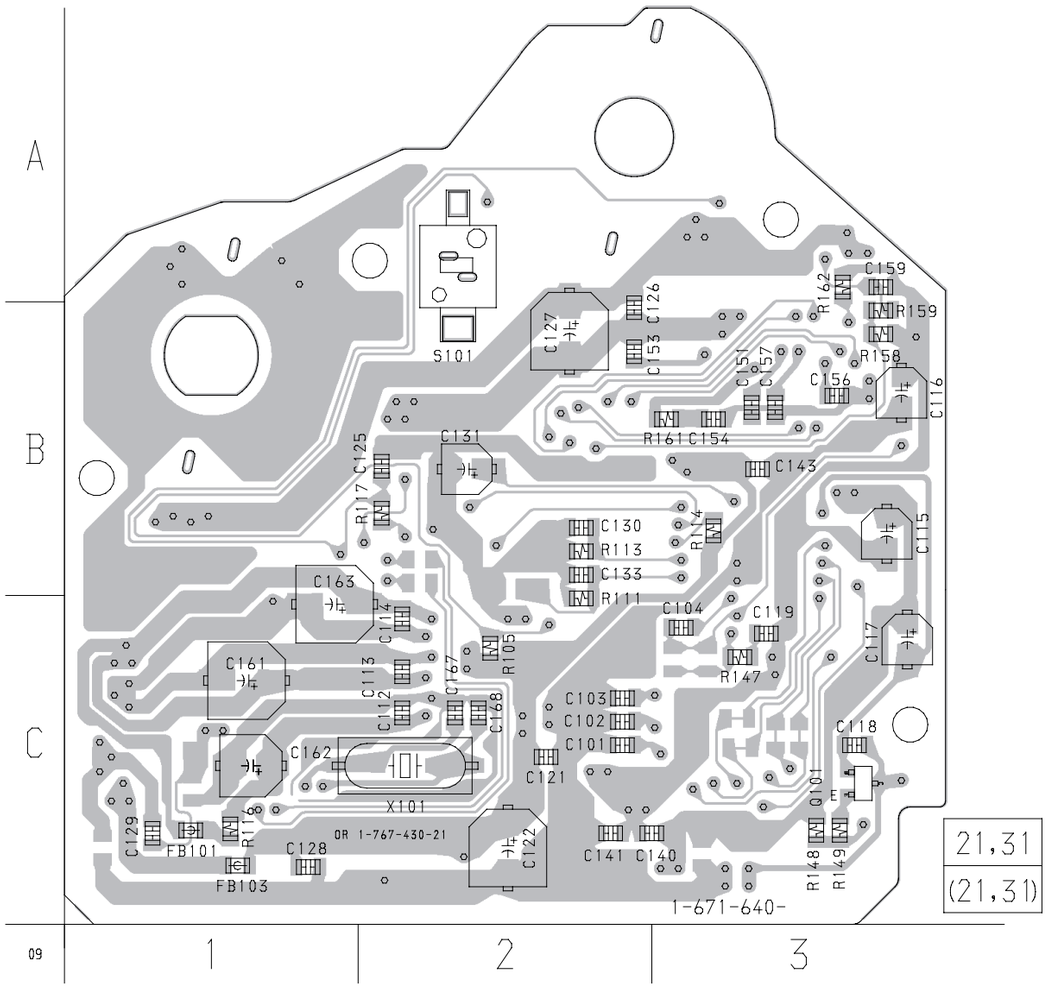



IC601 ⑦② X-OUT

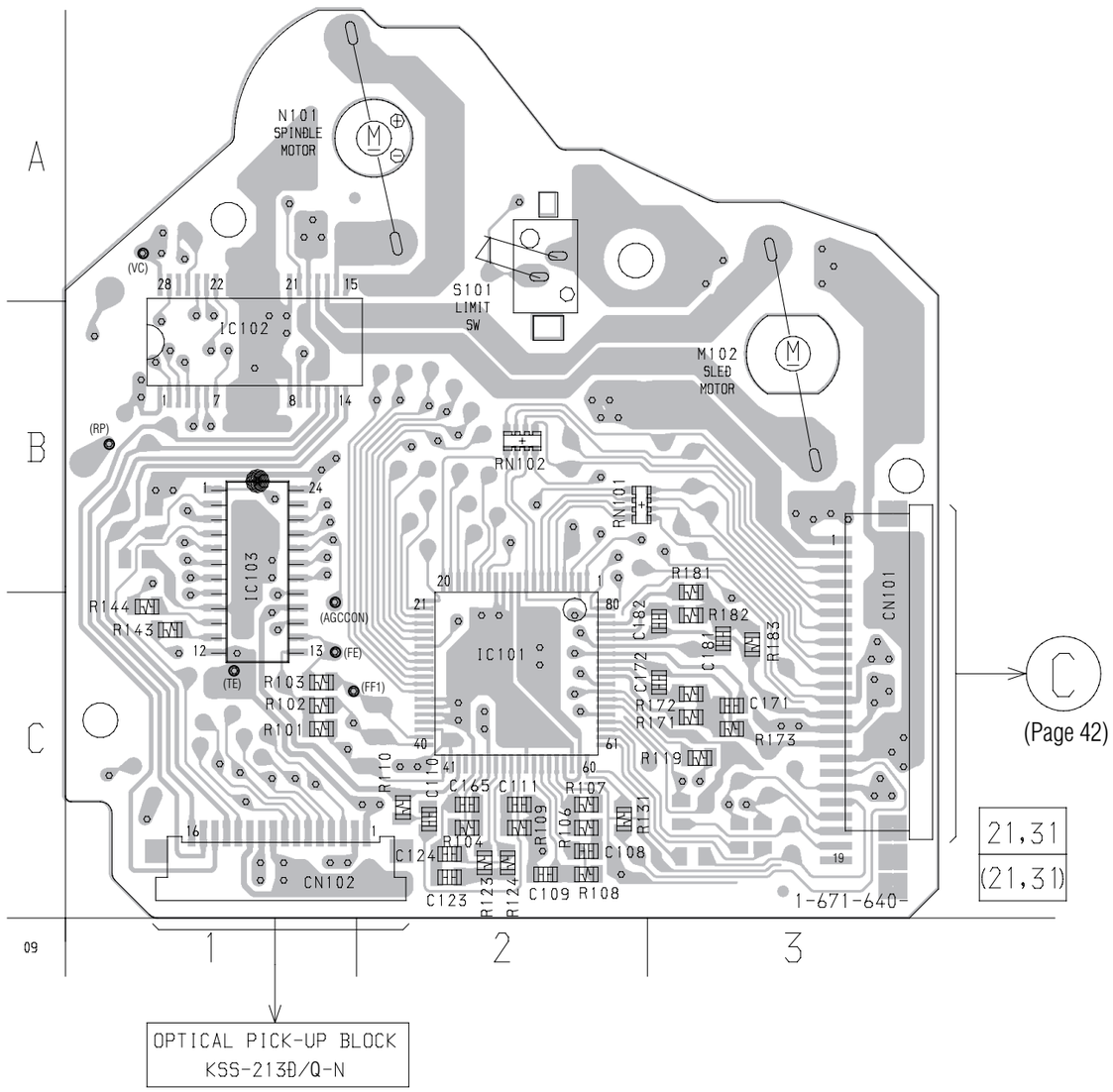
**7-3. PRINTED WIRING BOARD – BD (CD) SECTION –**

**• See page 19 for Circuit Boards Location.**

【 BD (CD) BOARD 】(SIDE A)

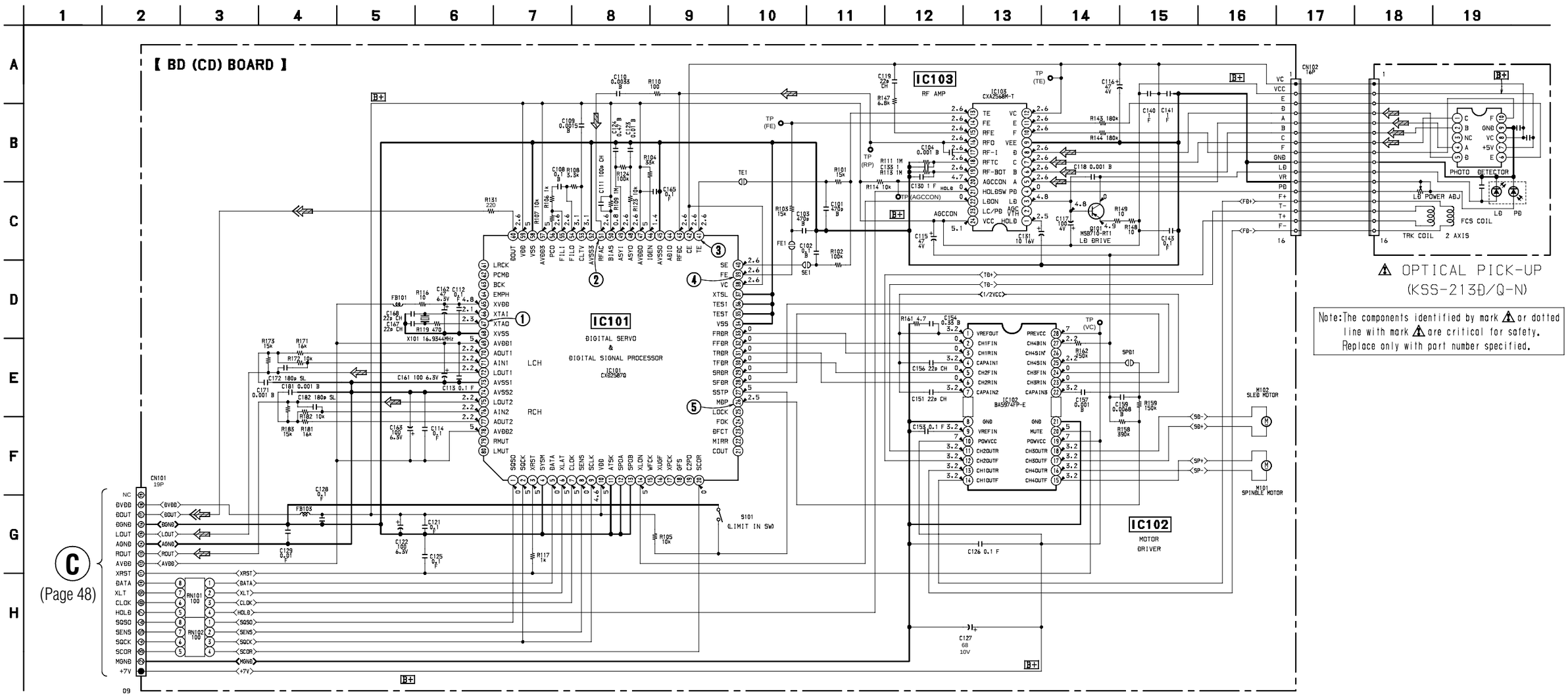



【 BD (CD) BOARD 】(SIDE B)



## 7-4. SCHEMATIC DIAGRAM – BD (CD) SECTION –

• See page 36 for Waveforms.

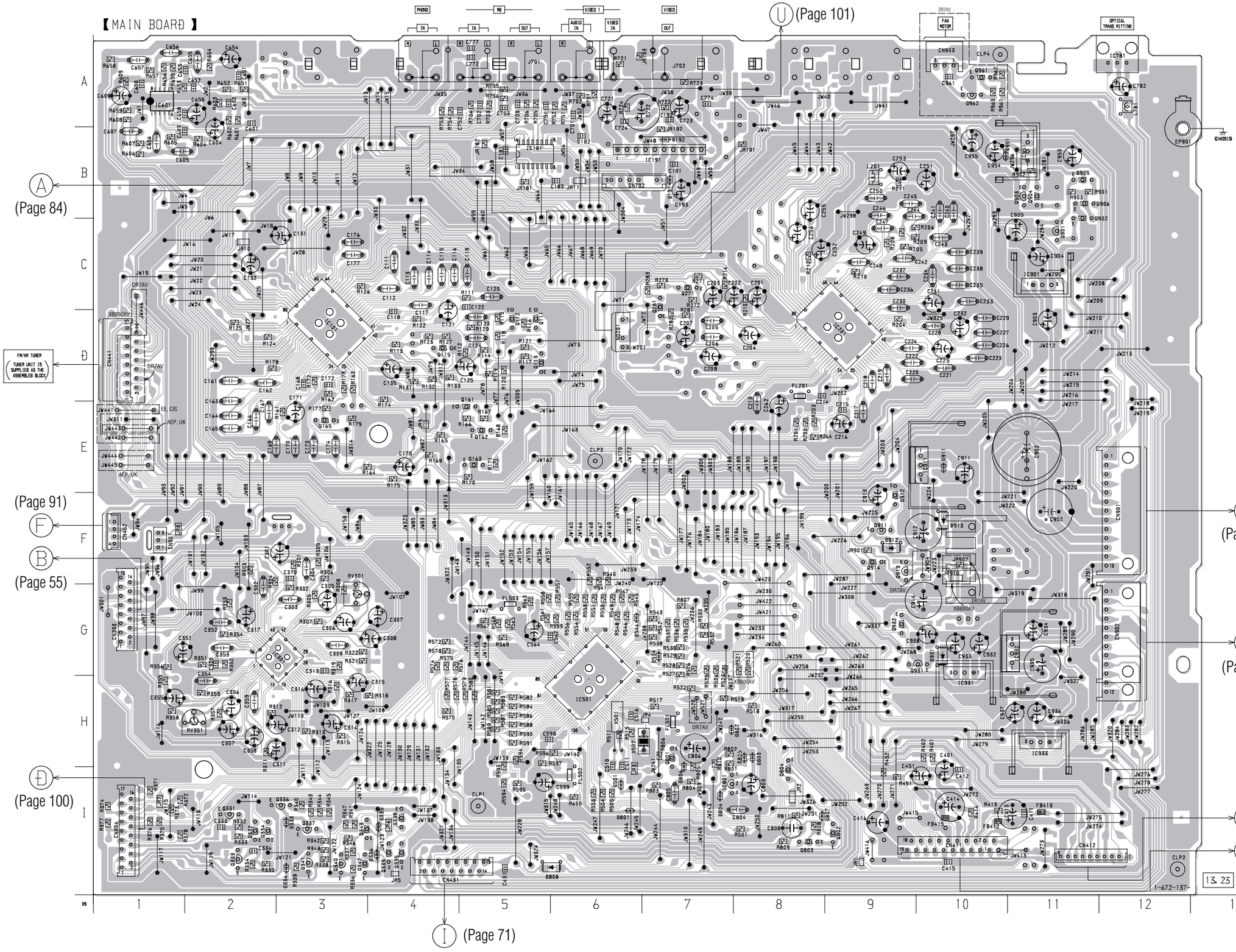


- **Semiconductor Location**

| Ref. No. | Location |
|---|---|
| D333 | I-3 |
| D334 | I-3 |
| D335 | I-4 |
| D336 | I-4 |
| D501 | I-6 |
| D534 | G-7 |
| D544 | G-7 |
| D802 | H-8 |
| D803 | H-8 |
| D804 | H-7 |
| D805 | H-8 |
| D806 | H-7 |
| D807 | I-9 |
| D808 | I-6 |
| D911 | E-10 |
| D912 | F-9 |
| D913 | F-10 |
| D931 | G-10 |
| D951 | B-11 |
| | |
| IC101 | D-3 |
| IC201 | C-9 |
| IC181 | B-5 |
| IC191 | B-7 |
| IC301 | G-3 |
| IC501 | H-6 |
| IC601 | A-1 |
| IC901 | C-11 |
| IC931 | G-10 |
| IC932 | G-11 |
| IC933 | H-11 |
| IC951 | B-11 |
| IC801 | I-8 |
| IC911 | E-10 |
| | |
| Q111 | D-5 |
| Q112 | D-5 |
| Q113 | D-5 |
| Q115 | D-4 |
| Q161 | E-5 |
| Q162 | E-5 |
| Q163 | E-5 |
| Q165 | E-3 |
| Q271 | C-7 |
| Q281 | C-7 |
| Q331 | I-2 |
| Q332 | I-2 |
| Q333 | I-2 |
| Q334 | I-2 |
| Q335 | I-4 |
| Q336 | I-3 |
| Q337 | I-3 |
| Q338 | I-4 |
| Q339 | I-4 |
| Q340 | I-3 |
| Q341 | I-3 |
| Q342 | I-3 |
| Q343 | I-3 |
| Q801 | H-7 |
| Q802 | I-9 |
| Q803 | I-8 |
| Q804 | I-8 |
| Q901 | C-11 |
| Q902 | B-11 |
| Q903 | B-11 |
| Q904 | B-11 |
| Q905 | B-11 |
| Q906 | B-11 |
| Q911 | F-9 |
| Q912 | F-9 |
| Q913 | F-9 |
| Q914 | F-9 |
| Q931 | G-10 |
| Q932 | G-9 |
| Q961 | A-10 |
| Q962 | A-10 |

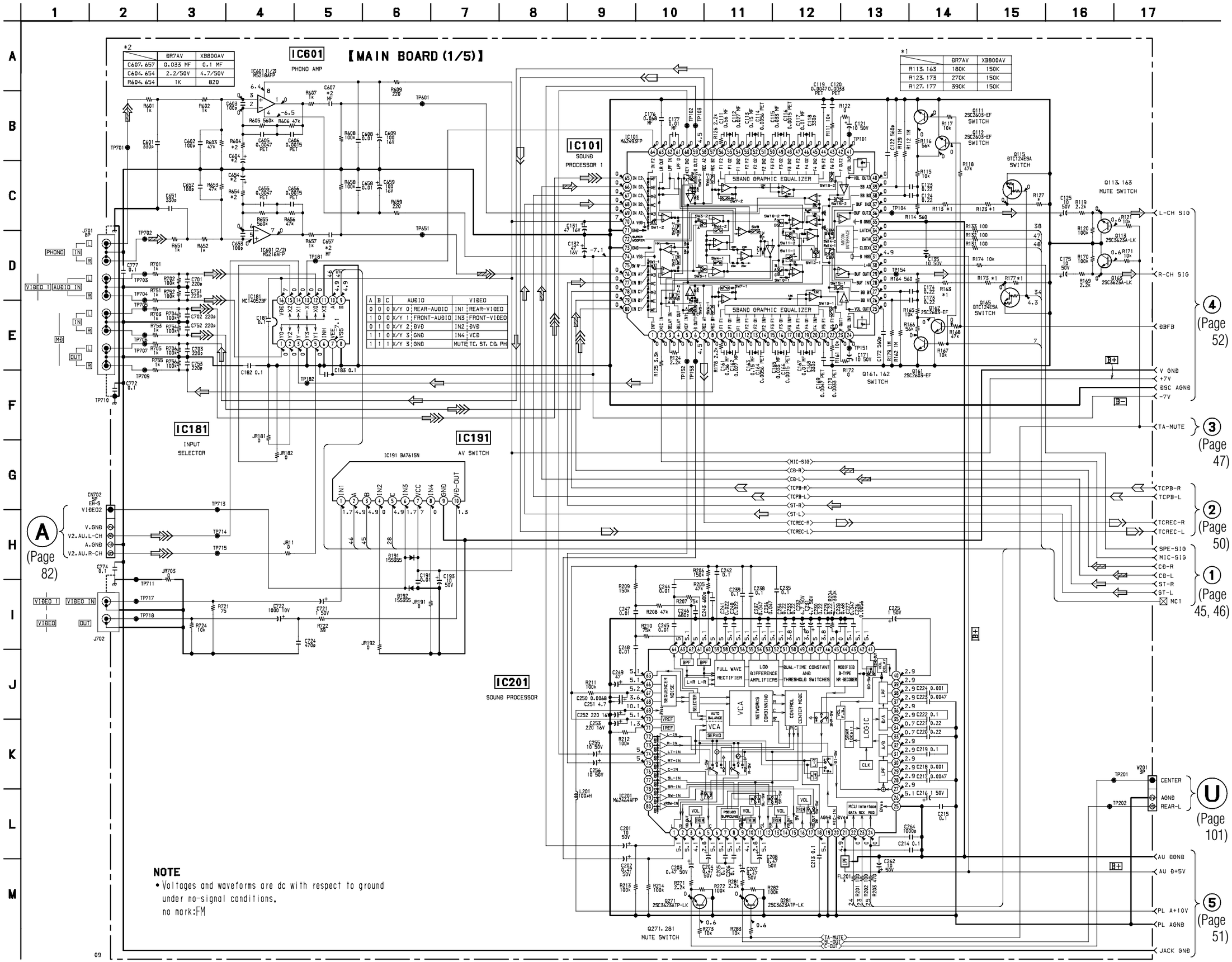
## 7-5. PRINTED WIRING BOARD – MAIN SECTION –

• See page 19 for Circuit Boards Location.



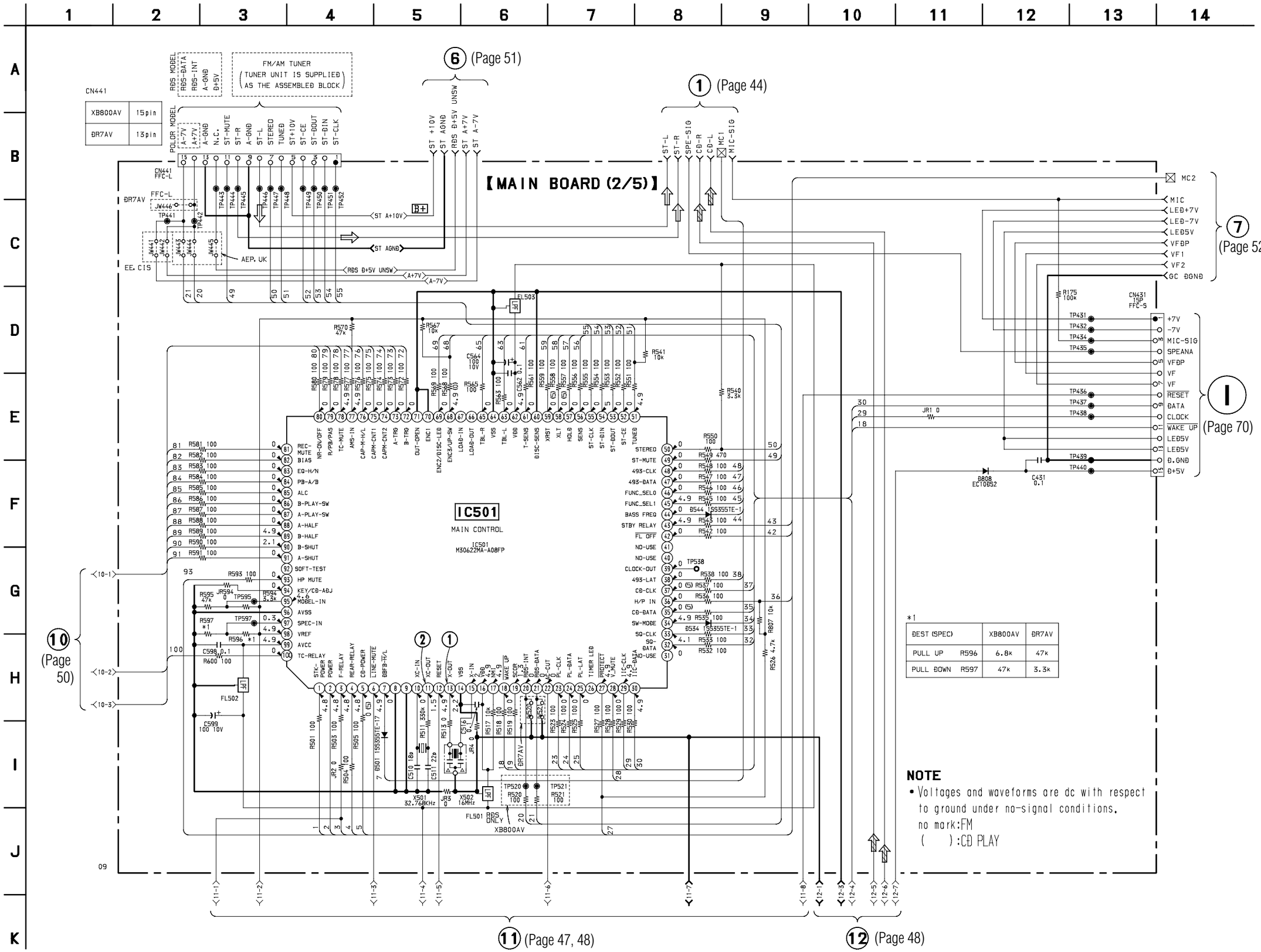
## 7-6. SCHEMATIC DIAGRAM – MAIN (1/5) SECTION –

• See page 103 for IC Block Diagrams.



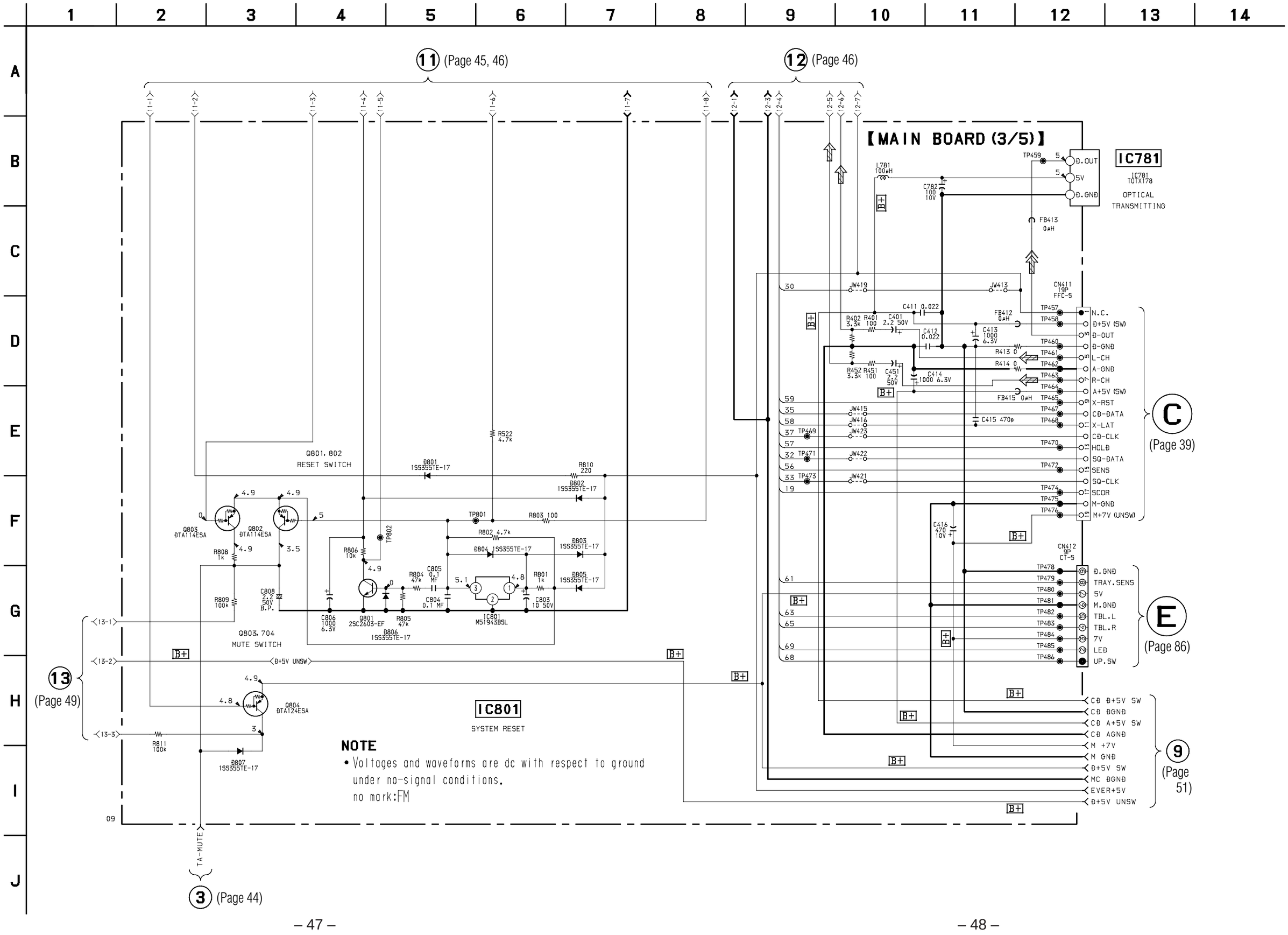
## 7-7. SCHEMATIC DIAGRAM – MAIN (2/5) SECTION –

- See page 36 for Waveforms.
- See page 41 for Printed Wiring Board.
- See page 104 for IC Pin Functions.



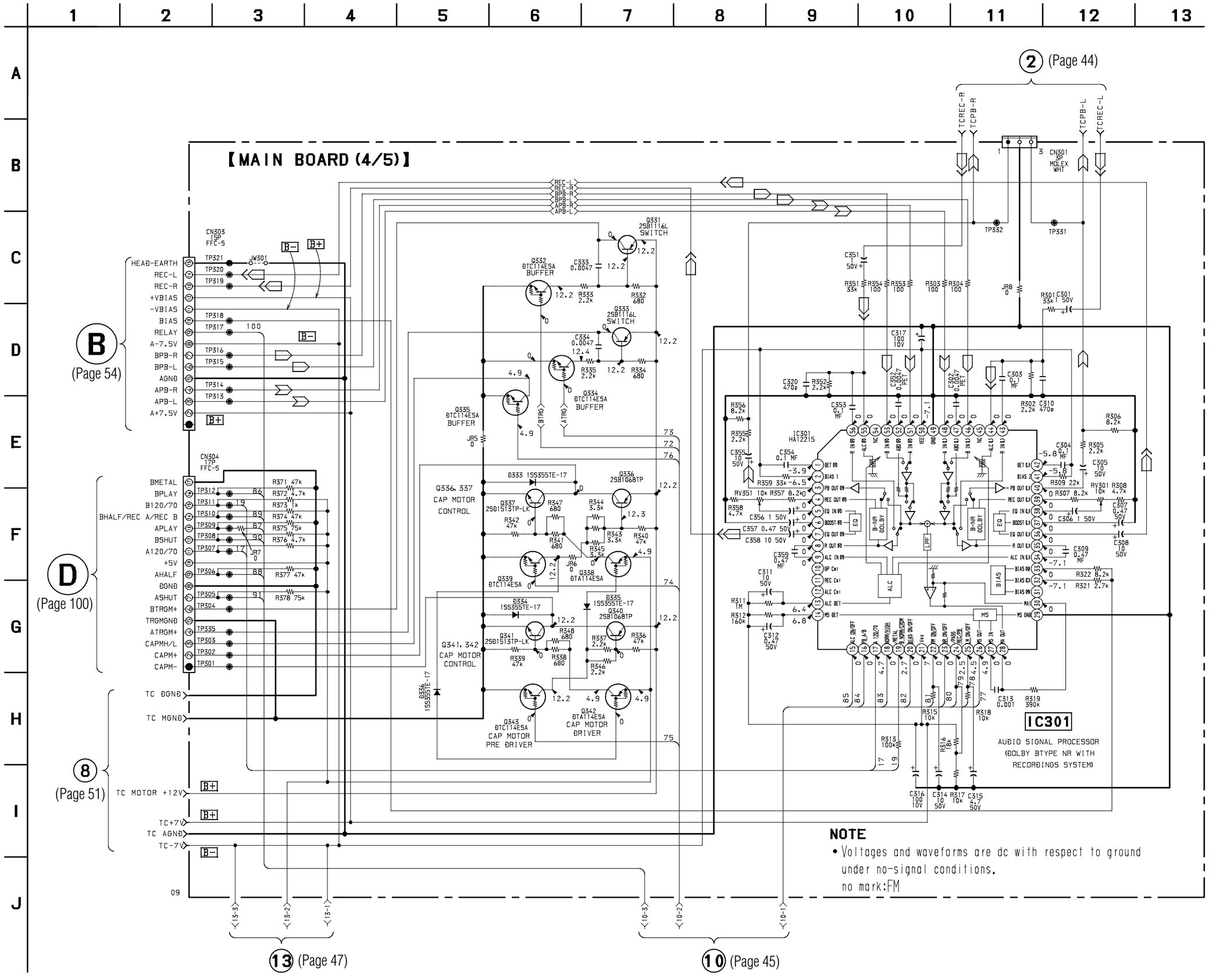
**7-8. SCHEMATIC DIAGRAM – MAIN (3/5) SECTION –**

**• See page 41 for Printed Wiring Board.**



## 7-9. SCHEMATIC DIAGRAM – MAIN (4/5) SECTION –

• See page 41 for Printed Wiring Board.

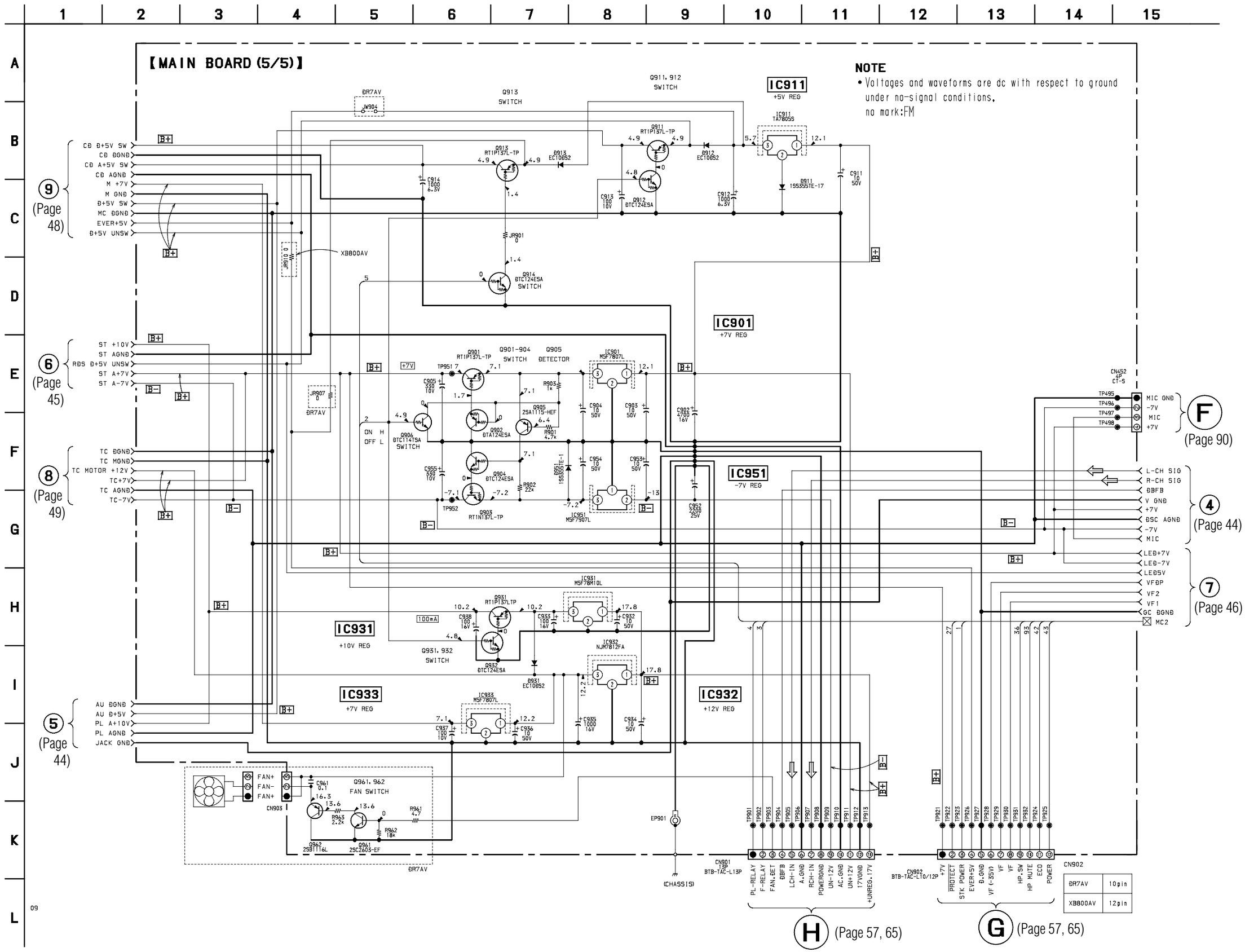



**NOTE**

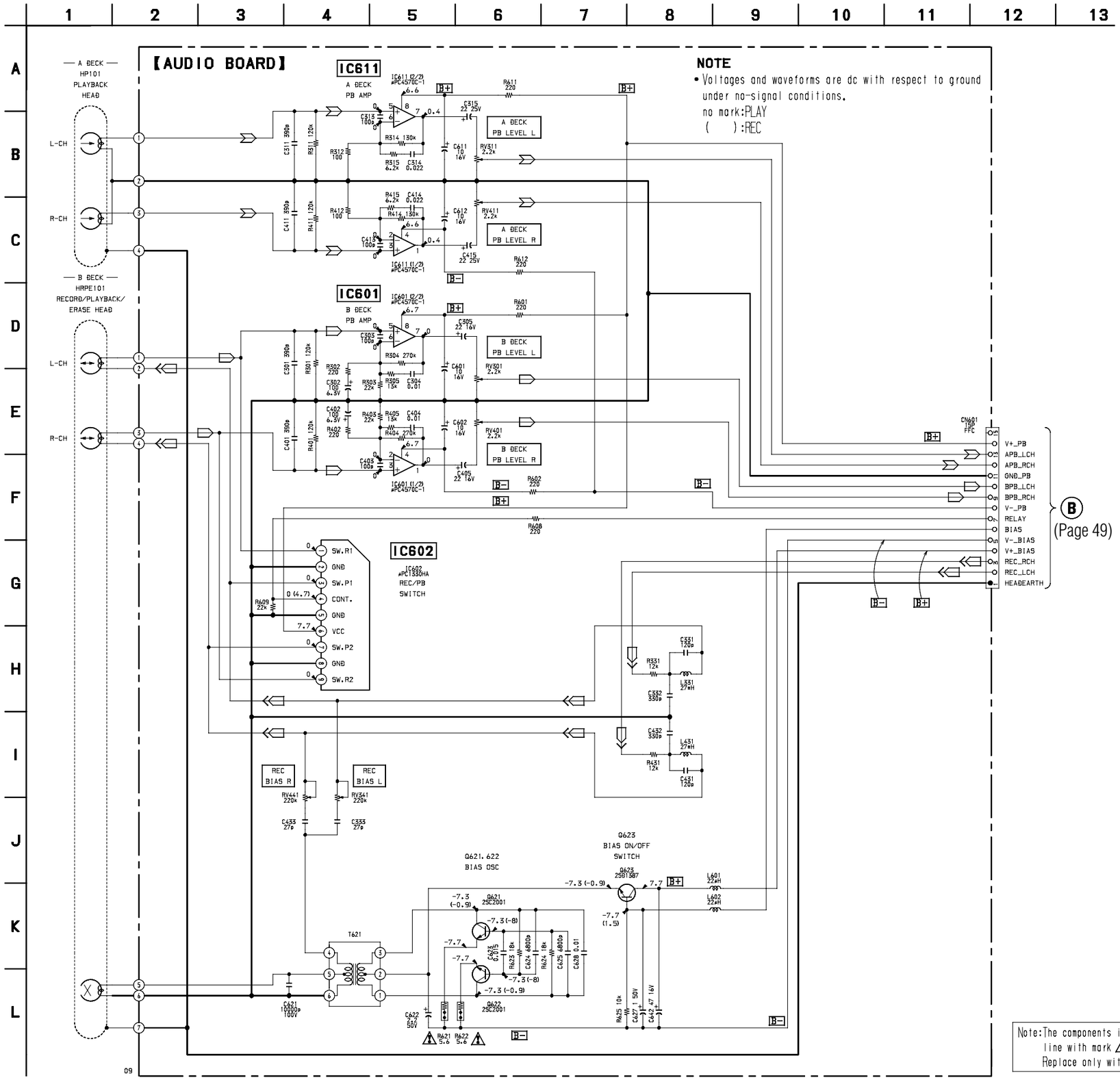
- Voltages and waveforms are dc with respect to ground under no-signal conditions.
  no mark:FM

## 7-10. SCHEMATIC DIAGRAM – MAIN (5/5) SECTION –

• See page 41 for Printed Wiring Board.

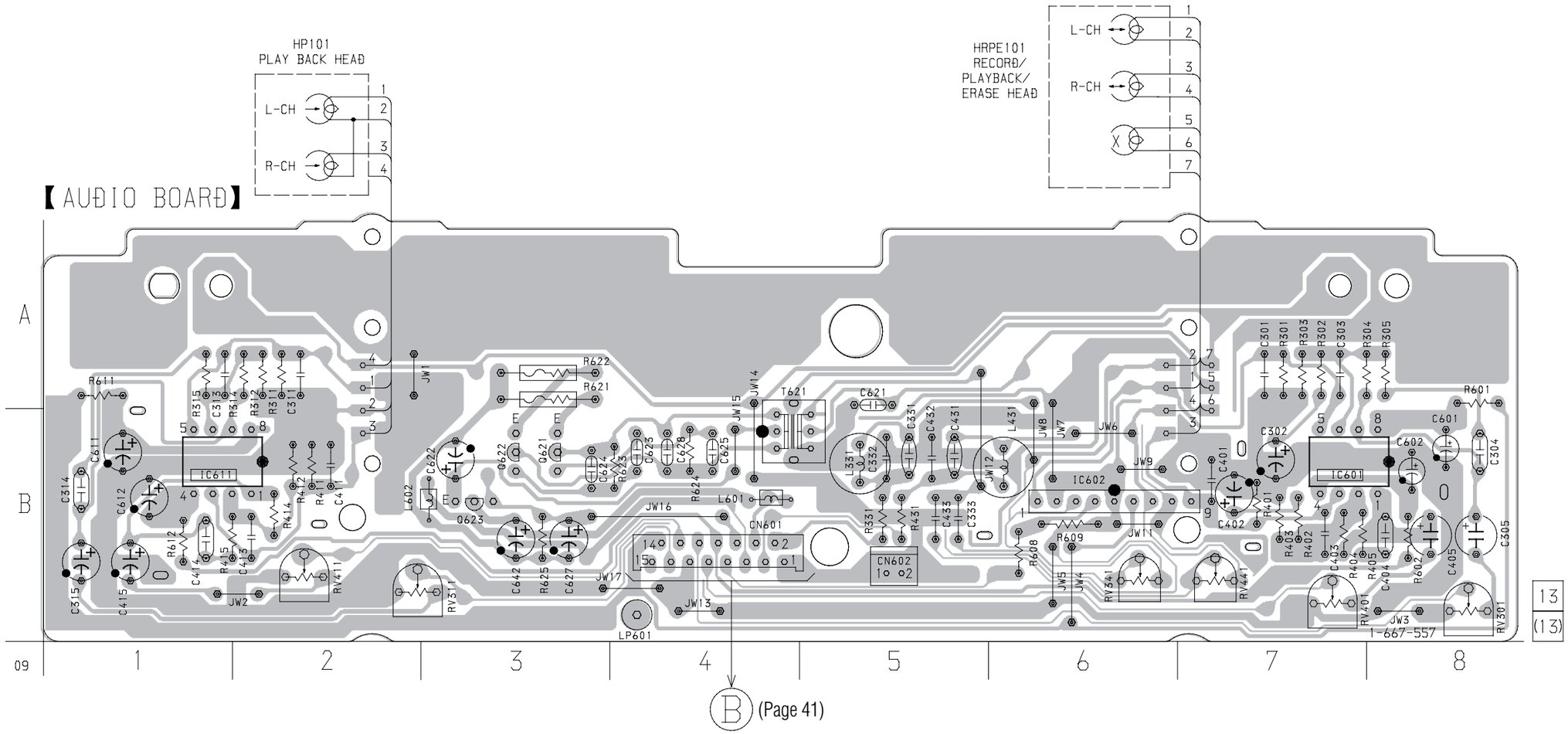


## 7-11. SCHEMATIC DIAGRAM – DECK SECTION –



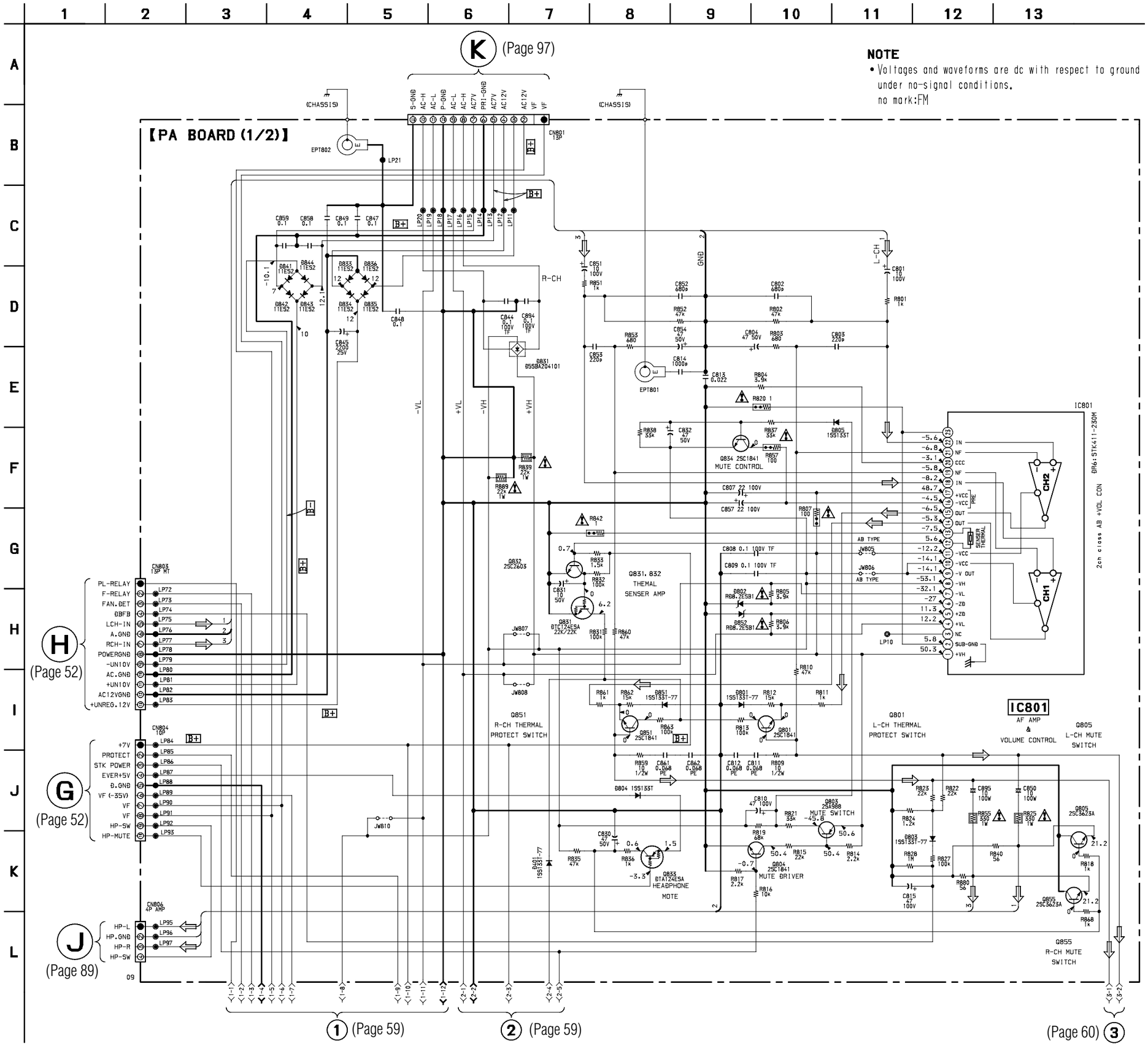
**7-12. PRINTED WIRING BOARD – DECK SECTION –**

**• See page 19 for Circuit Boards Location.**



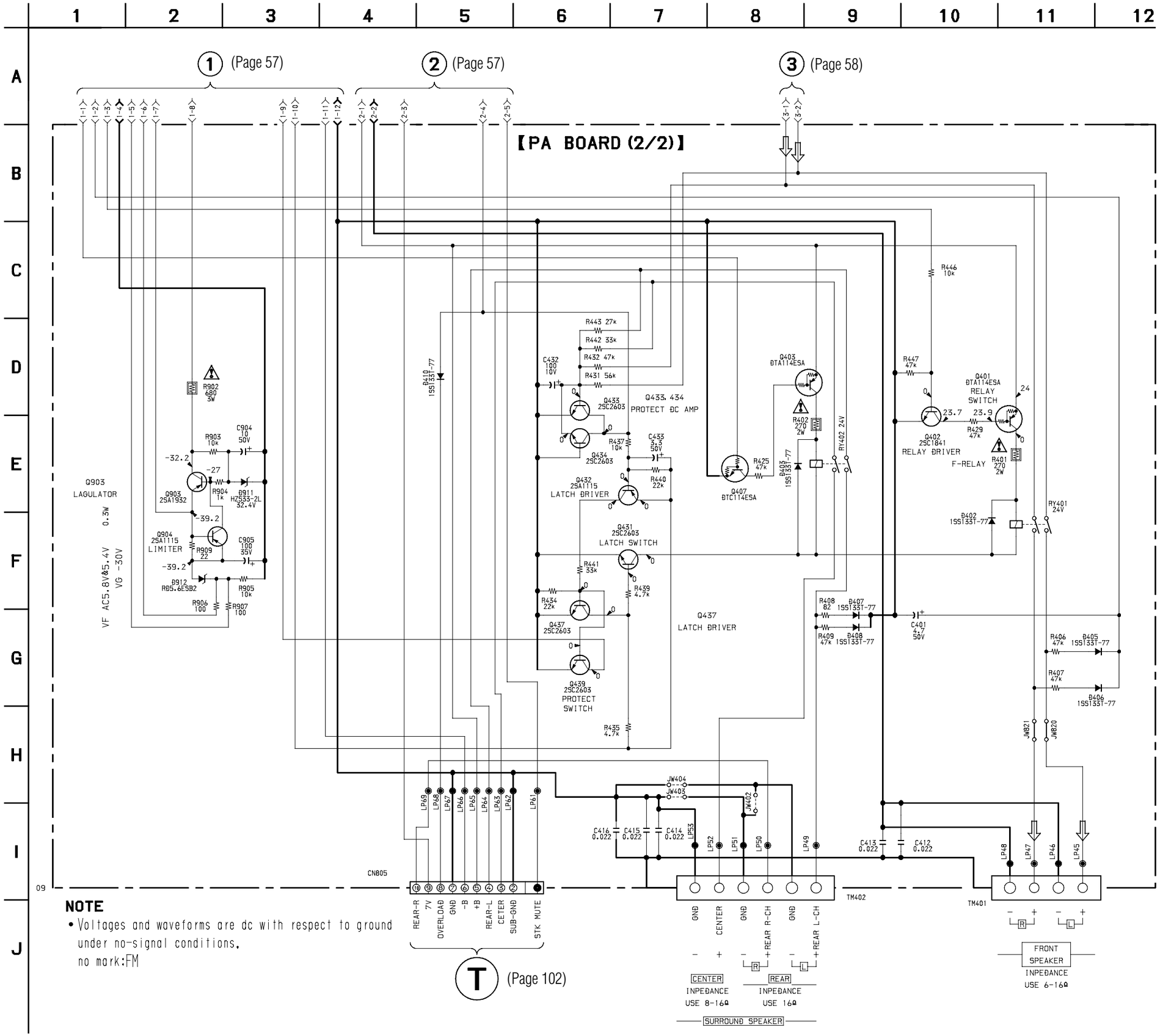
## 7-13. SCHEMATIC DIAGRAM – POWER (1/2) SECTION – (DR7AV model)

• See page 61 for Printed Wiring Board.



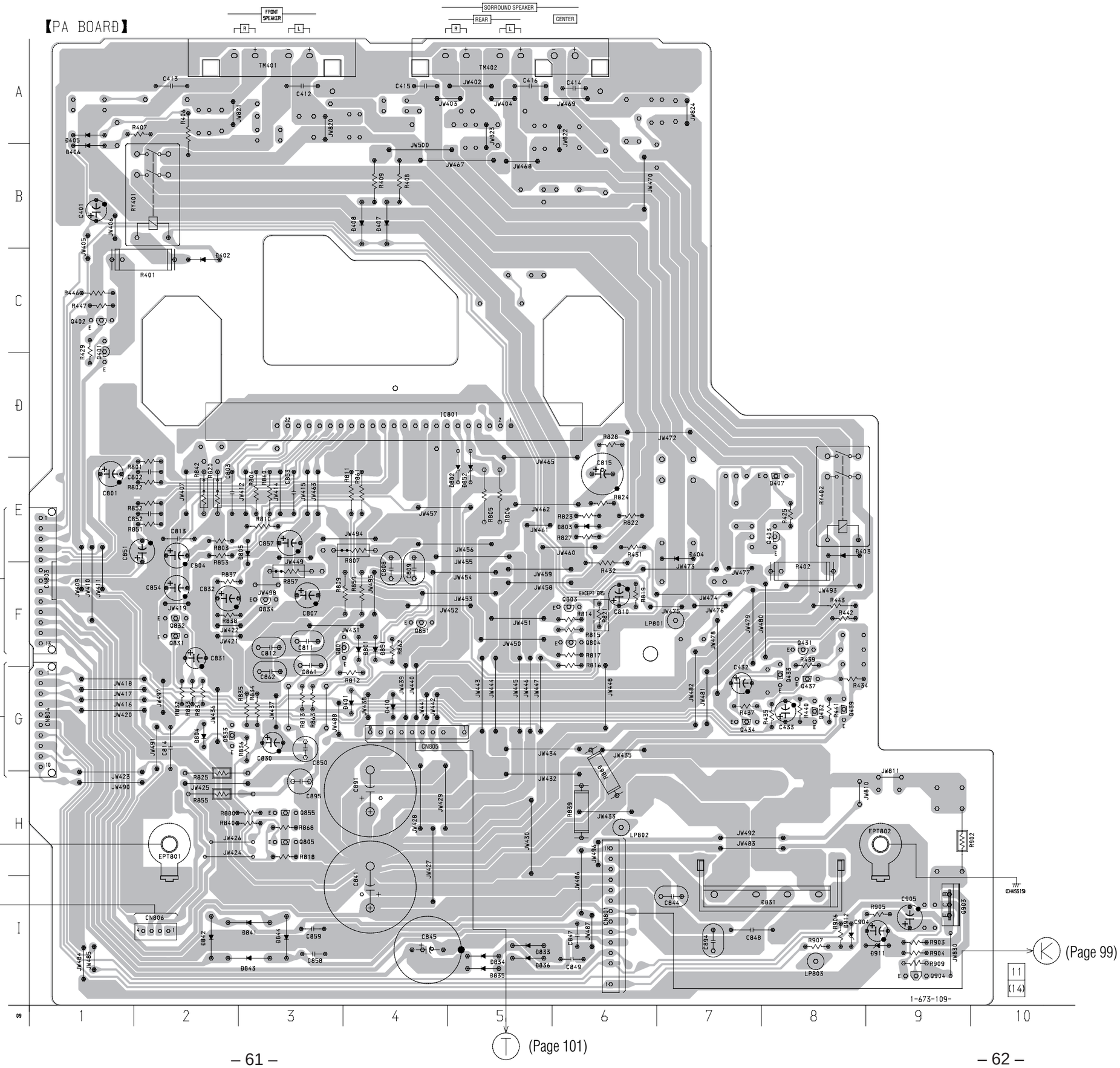
### 7-14. SCHEMATIC DIAGRAM – POWER (2/2) SECTION – (DR7AV model)

• See page 61 for Printed Wiring Board.



## 7-15. PRINTED WIRING BOARD – POWER SECTION – (DR7AV model)

• See page 19 for Circuit Boards Location.

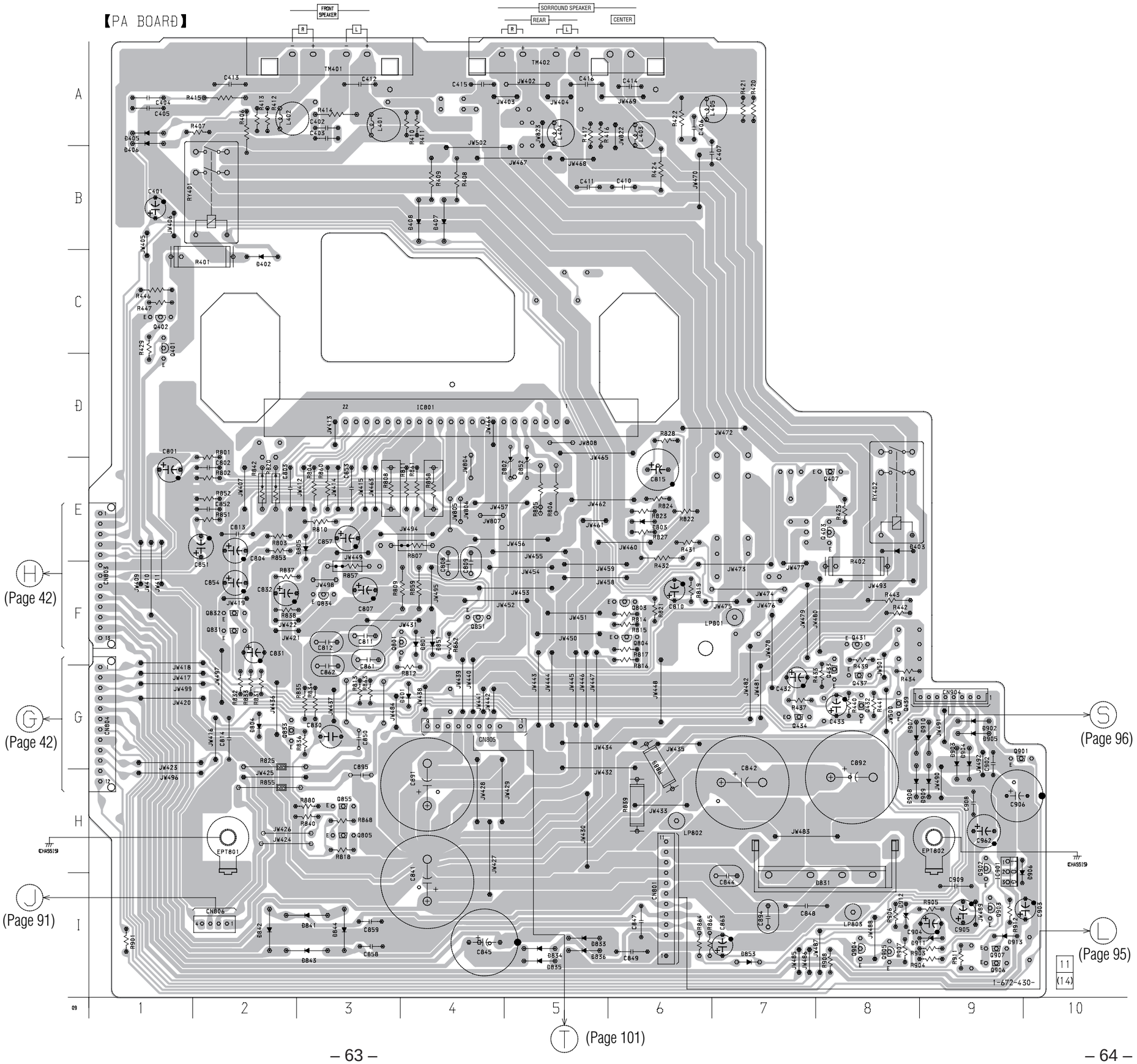



- **Semiconductor Location**

| Ref. No. | Location |
|---|---|
| D401 | G-4 |
| D402 | C-2 |
| D403 | E-8 |
| D405 | A-1 |
| D406 | B-1 |
| D801 | F-4 |
| D802 | E-5 |
| D803 | E-6 |
| D823 | |
| D831 | I-8 |
| D833 | I-5 |
| D834 | I-5 |
| D835 | I-5 |
| D836 | I-5 |
| D841 | I-3 |
| D842 | I-2 |
| D843 | I-3 |
| D844 | I-3 |
| D851 | F-4 |
| D852 | E-5 |
| D911 | I-9 |
| D912 | I-8 |
| IC801 | D-4 |
| Q401 | C-1 |
| Q402 | C-1 |
| Q403 | E-8 |
| Q407 | E-8 |
| Q431 | F-8 |
| Q432 | G-8 |
| Q433 | G-8 |
| Q434 | G-7 |
| Q437 | G-8 |
| Q439 | G-8 |
| Q801 | F-4 |
| Q803 | F-6 |
| Q804 | F-6 |
| Q805 | H-3 |
| Q831 | F-2 |
| Q832 | F-2 |
| Q833 | G-2 |
| Q834 | F-3 |
| Q851 | F-4 |
| Q855 | H-3 |
| Q903 | I-9 |

## 7-16. PRINTED WIRING BOARD – POWER SECTION – (XB800AV model)

• See page 19 for Circuit Boards Location.

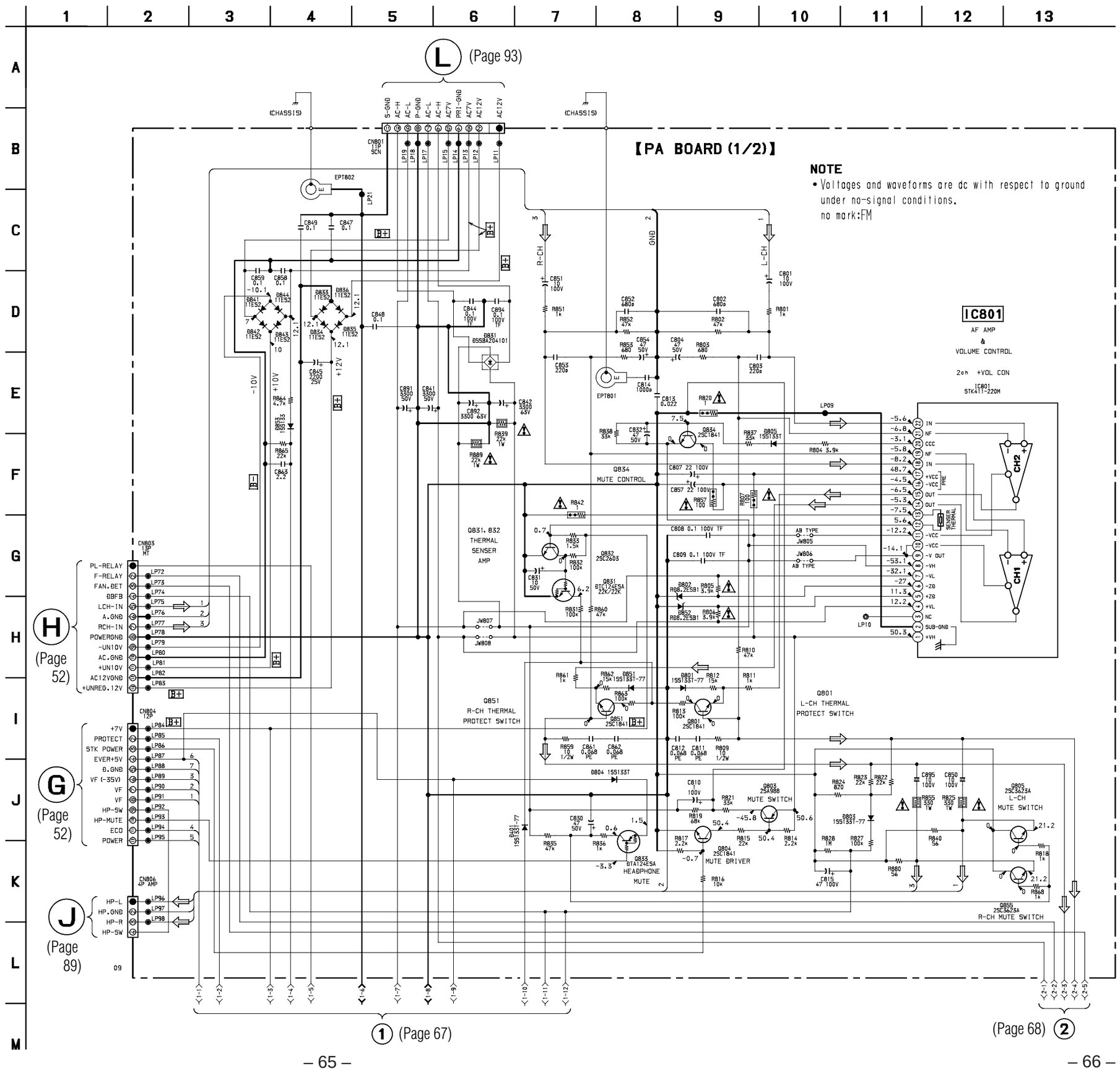



• **Semiconductor Location**

| Ref. No. | Location |
|---|---|
| D401 | G-4 |
| D402 | C-2 |
| D403 | E-8 |
| D405 | A-1 |
| D406 | F-4 |
| D801 | F-4 |
| D803 | E-6 |
| D804 | G-2 |
| D805 | E-3 |
| D831 | I-8 |
| D833 | I-5 |
| D834 | I-5 |
| D835 | I-5 |
| D836 | I-5 |
| D841 | I-3 |
| D842 | I-2 |
| D843 | I-3 |
| D844 | I-3 |
| D851 | F-4 |
| D902 | G-9 |
| D903 | G-9 |
| D904 | G-9 |
| D905 | G-9 |
| D906 | H-9 |
| D907 | G-9 |
| D908 | H-9 |
| D909 | H-9 |
| D910 | G-9 |
| D911 | I-9 |
| D912 | I-8 |
| D913 | I-9 |
| IC801 | D-4 |
| IC901 | H-9 |
| Q401 | C-1 |
| Q402 | C-1 |
| Q403 | E-8 |
| Q407 | E-8 |
| Q431 | F-8 |
| Q432 | G-8 |
| Q433 | G-8 |
| Q434 | G-7 |
| Q437 | G-8 |
| Q439 | G-8 |
| Q801 | F-4 |
| Q803 | F-6 |
| Q804 | F-6 |
| Q805 | H-3 |
| Q831 | F-2 |
| Q832 | F-2 |
| Q833 | G-2 |
| Q834 | F-3 |
| Q851 | F-4 |
| Q855 | H-3 |
| Q901 | G-10 |
| Q902 | H-9 |
| Q903 | I-9 |
| Q904 | I-8 |
| Q905 | I-8 |
| Q906 | I-9 |
| Q907 | I-9 |

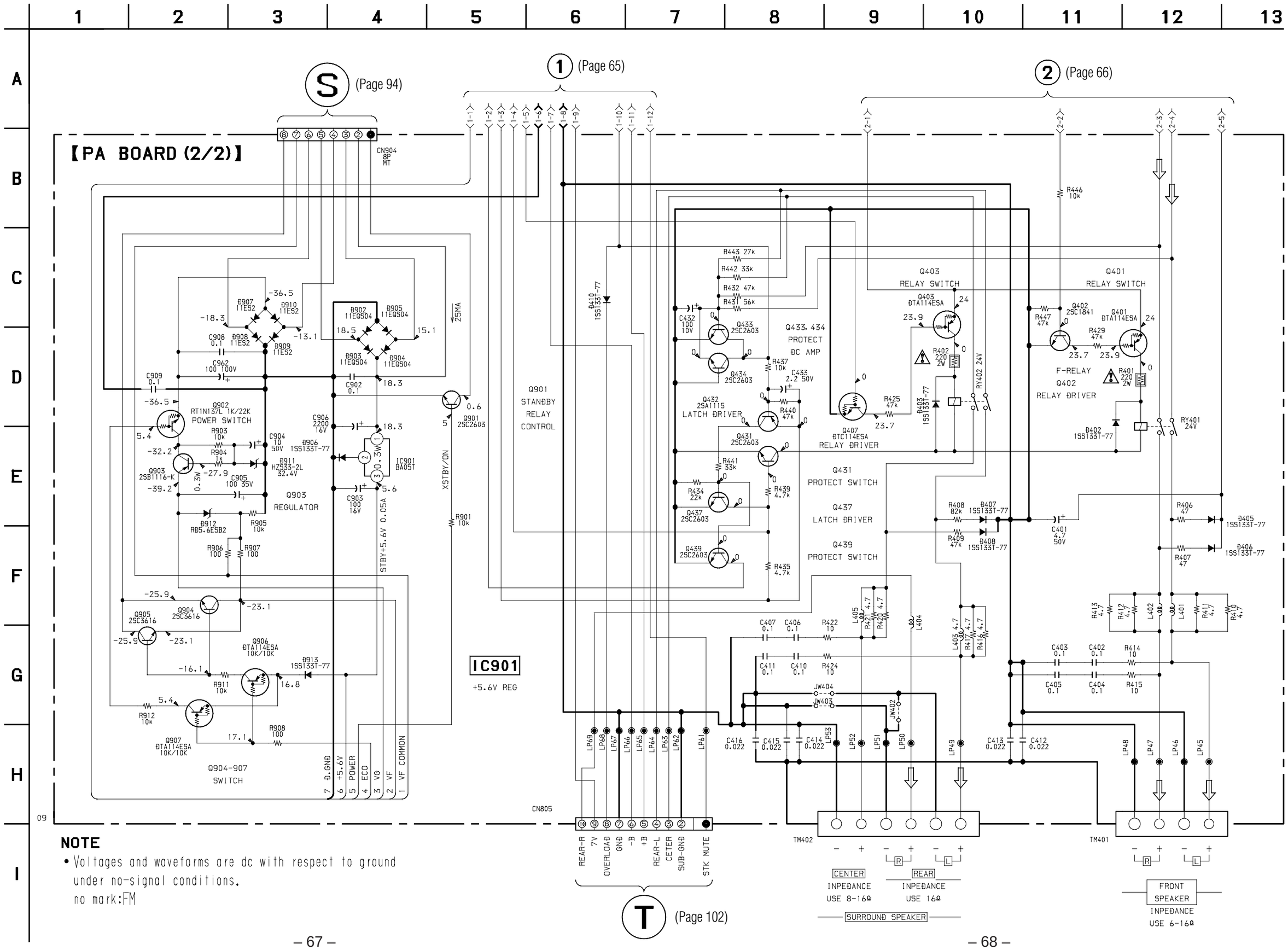
## 7-17. SCHEMATIC DIAGRAM – POWER (1/2) SECTION – (XB800AV model)

• See page 63 for Printed Wiring Board.



## 7-18. SCHEMATIC DIAGRAM – POWER (2/2) SECTION – (XB800AV model)

• See page 63 for Printed Wiring Board.

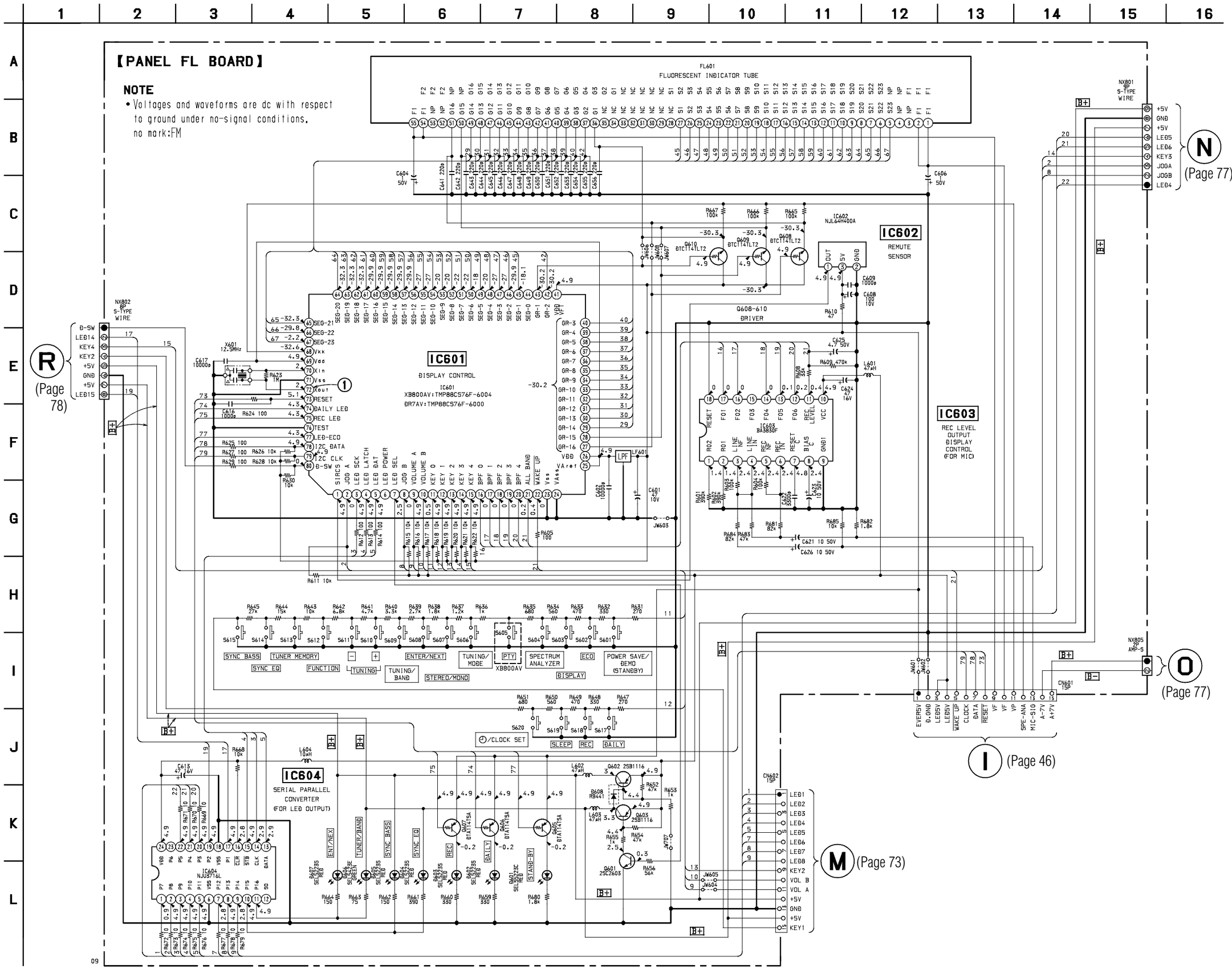



**NOTE**

- Voltages and waveforms are dc with respect to ground under no-signal conditions.
  no mark:FM

## 7-19. SCHEMATIC DIAGRAM – PANEL FL SECTION –

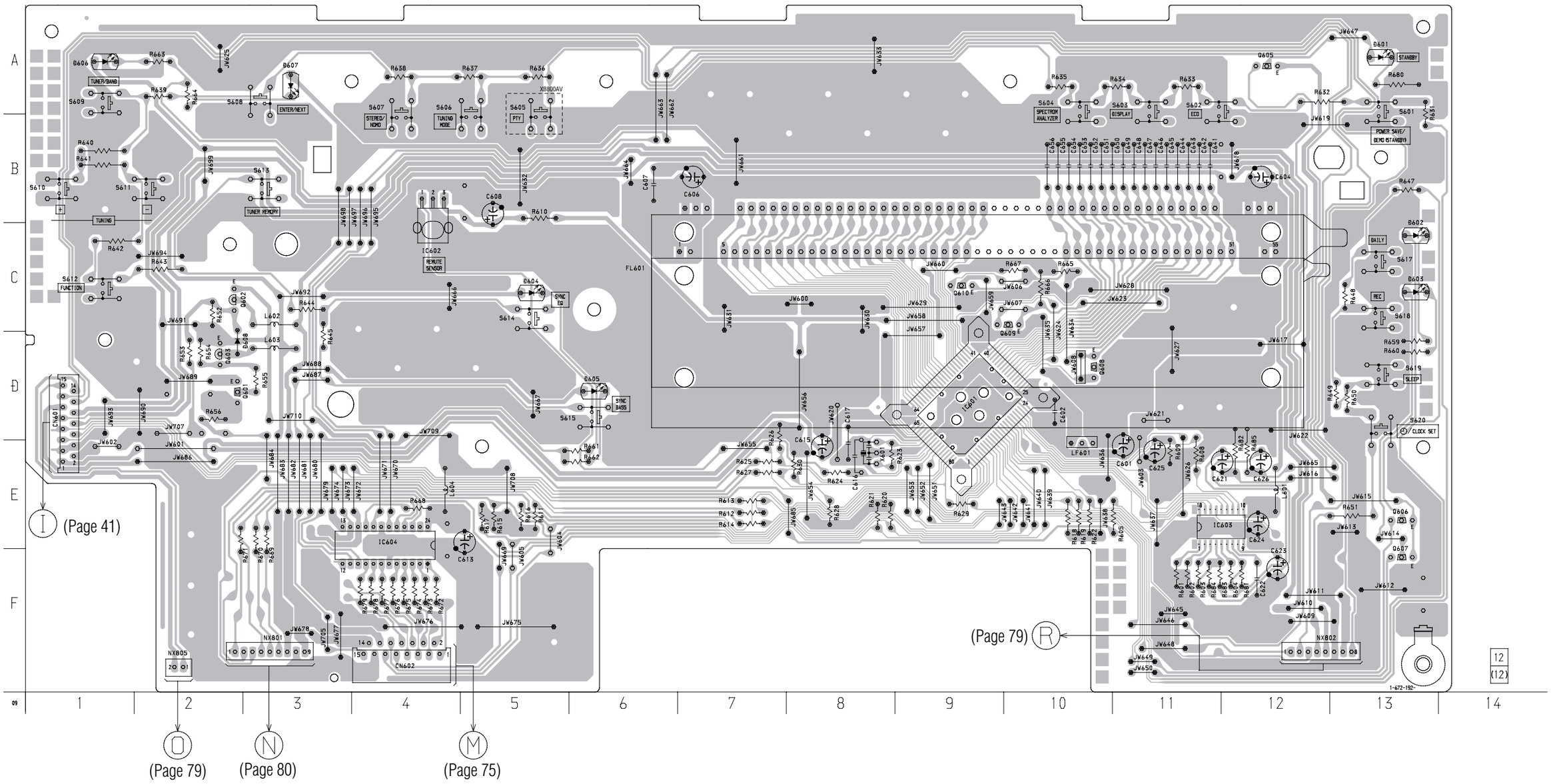

- See page 103 for IC Block Diagrams.
- See page 106 for IC Pin Functions.

### 7-20. PRINTED WIRING BOARD – PANEL FL SECTION –

• See page 19 for Circuit Boards Location.

【PANEL FL BOARD】

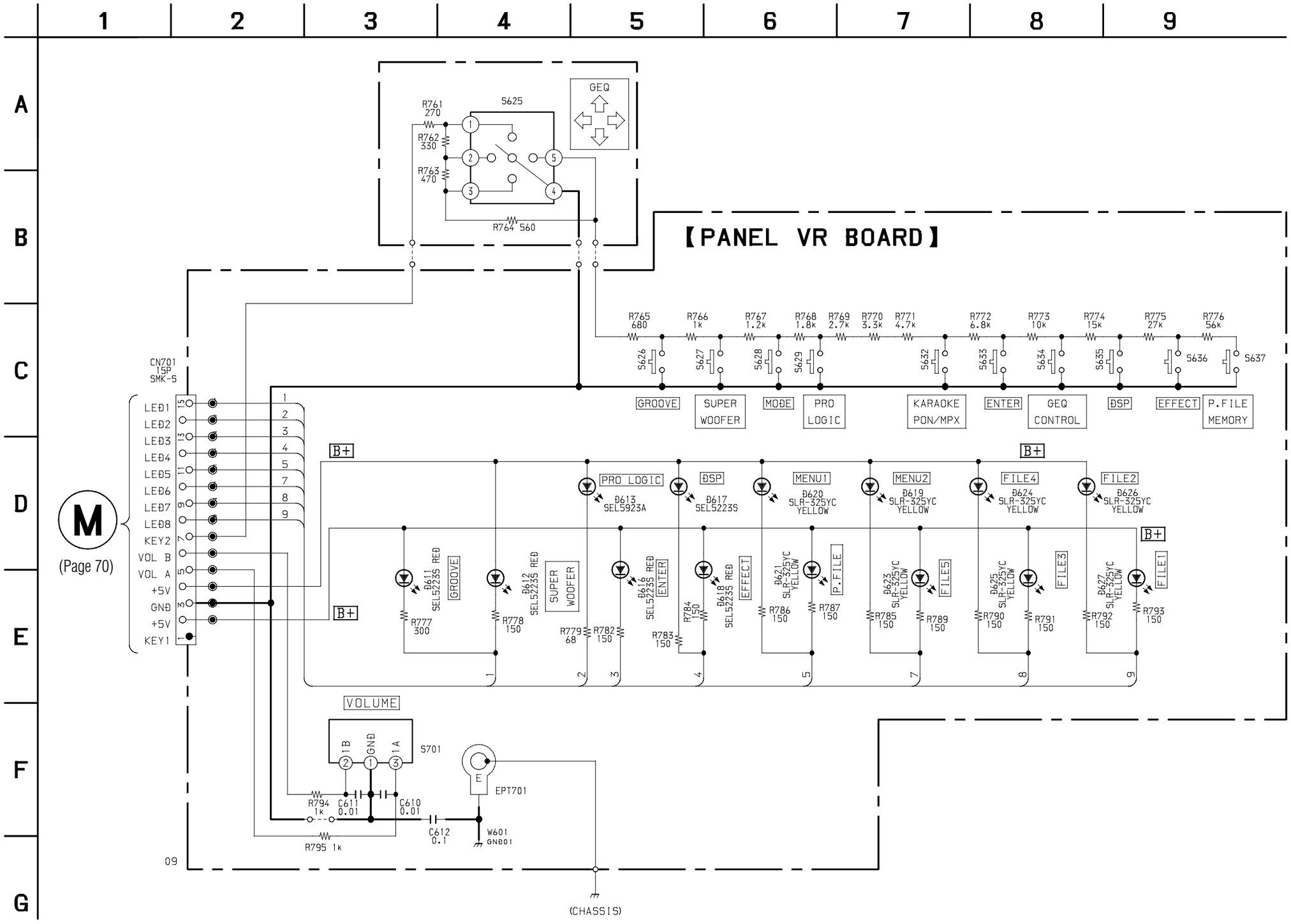



• **Semiconductor Location**

| Ref. No. | Location | Ref. No. | Location |
|---|---|---|---|
| D601 | A-13 | IC604 | E-4 |
| D602 | C-13 | | |
| D603 | C-13 | Q601 | D-2 |
| D604 | C-5 | Q602 | C-2 |
| D605 | D-6 | Q603 | D-2 |
| D606 | A-1 | Q605 | A-12 |
| D607 | A-3 | Q606 | E-13 |
| D608 | D-2 | Q607 | F-13 |
| | | Q608 | D-10 |
| IC601 | D-9 | Q609 | C-10 |
| IC602 | C-4 | Q610 | C-9 |
| IC603 | E-12 | | |

### 7-21. SCHEMATIC DIAGRAM – PANEL VR SECTION –

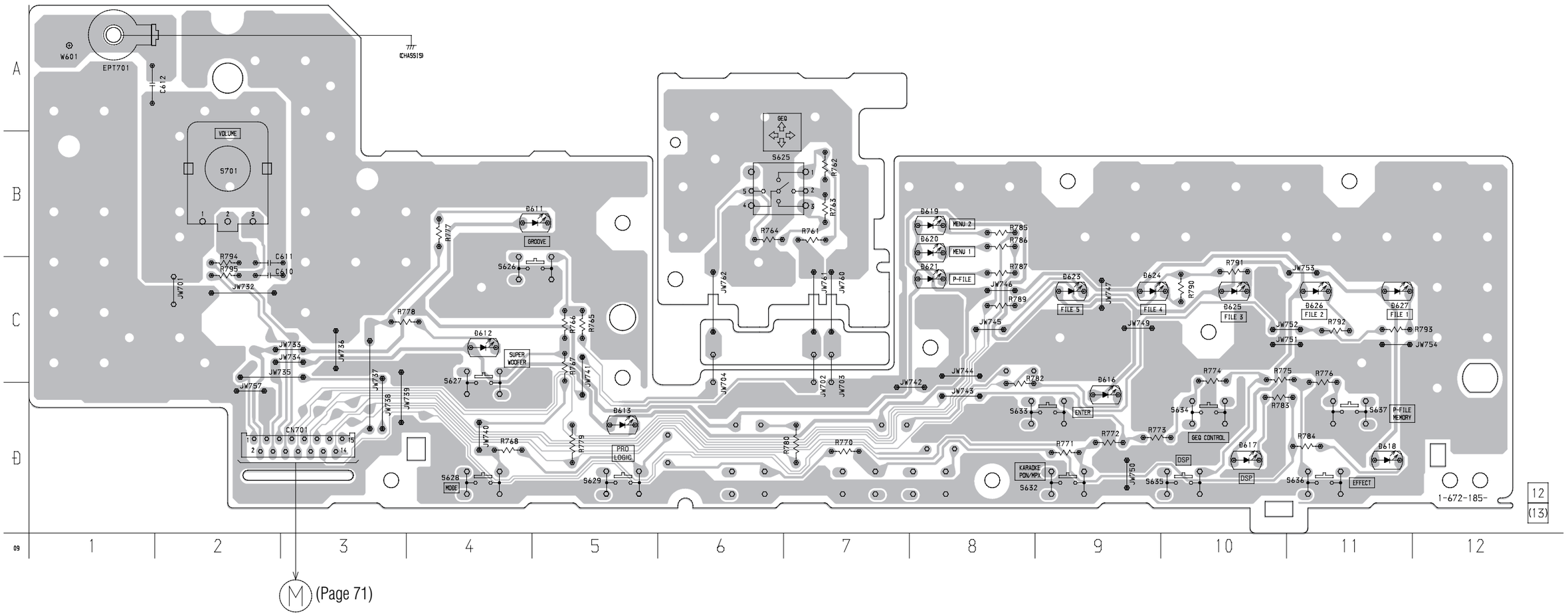
• See page 103 for IC Block Diagrams.



## 7-22. PRINTED WIRING BOARD – PANEL VR SECTION –

• See page 19 for Circuit Boards Location.

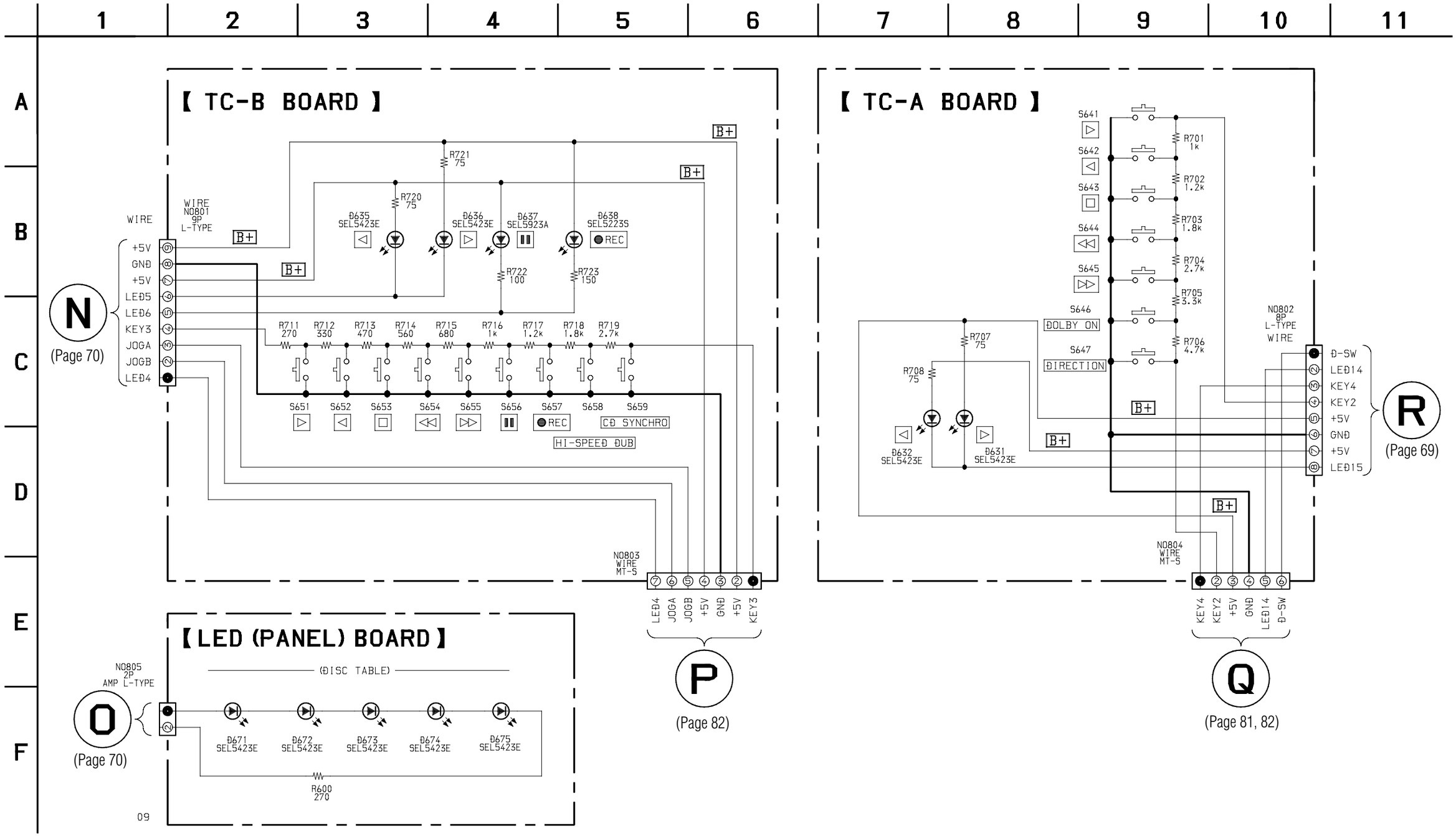
【PANEL VR BOARD】




• **Semiconductor Location**

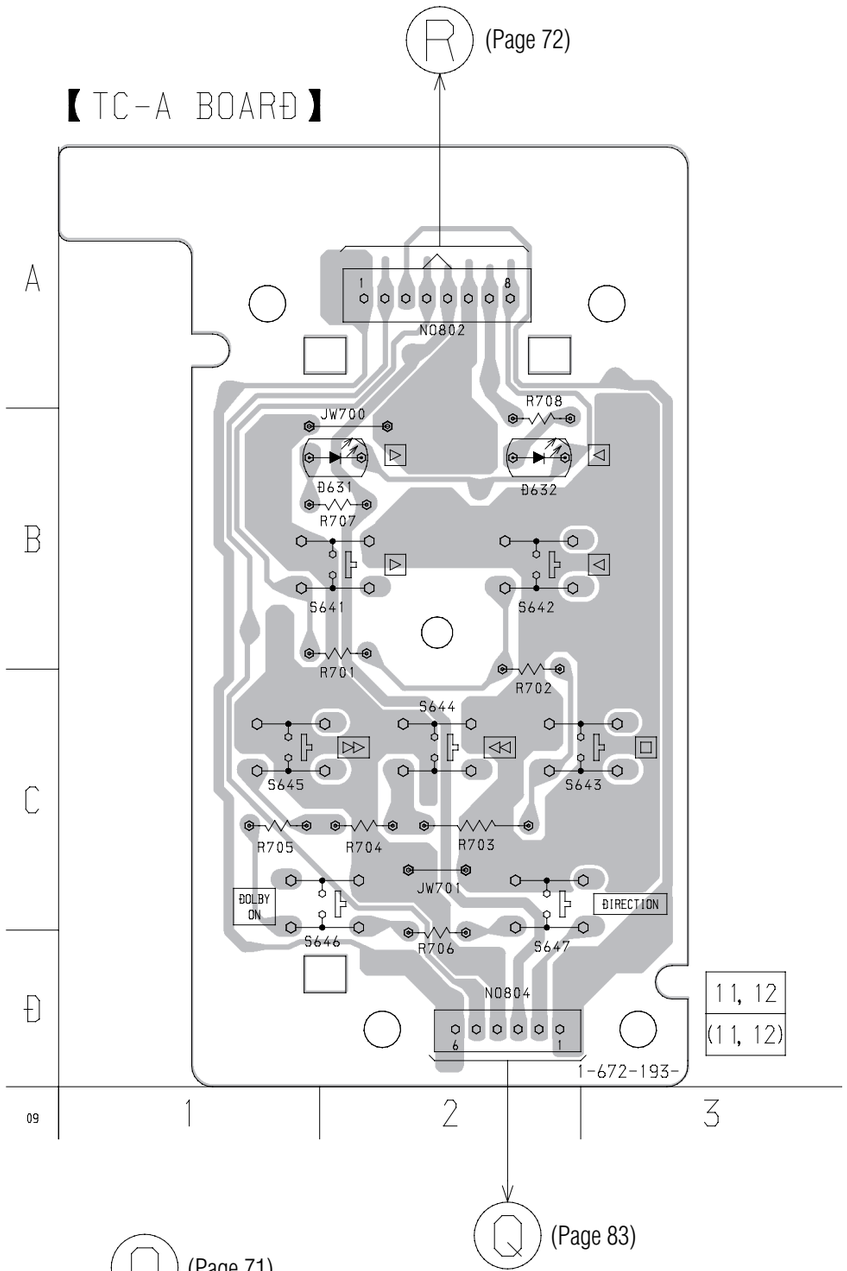
| Ref. No. | Location |
|---|---|
| D611 | B-5 |
| D612 | C-4 |
| D613 | D-5 |
| D616 | D-9 |
| D617 | D-10 |
| D618 | D-11 |
| D619 | B-8 |
| D620 | B-8 |
| D621 | C-8 |
| D623 | C-9 |
| D624 | C-9 |
| D625 | C-10 |
| D626 | C-11 |
| D627 | C-11 |

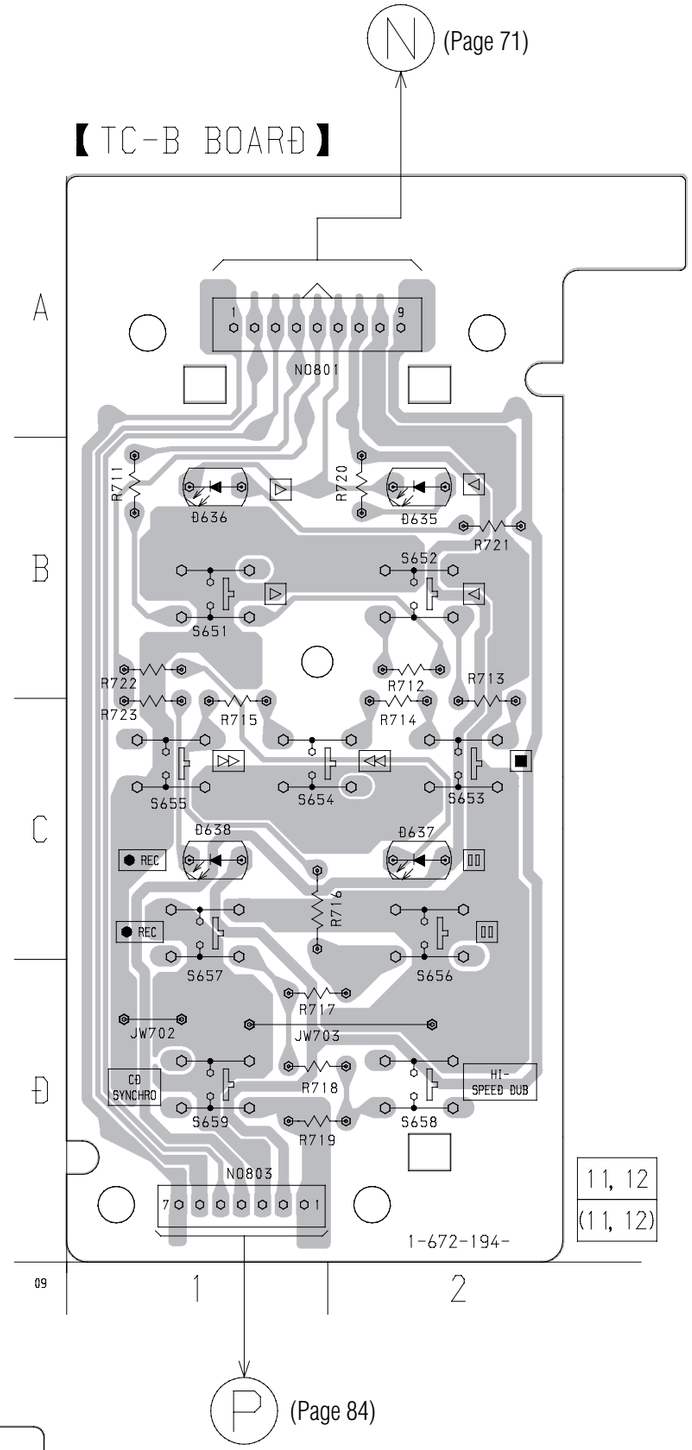
## 7-23. SCHEMATIC DIAGRAM – TC PANEL SECTION –

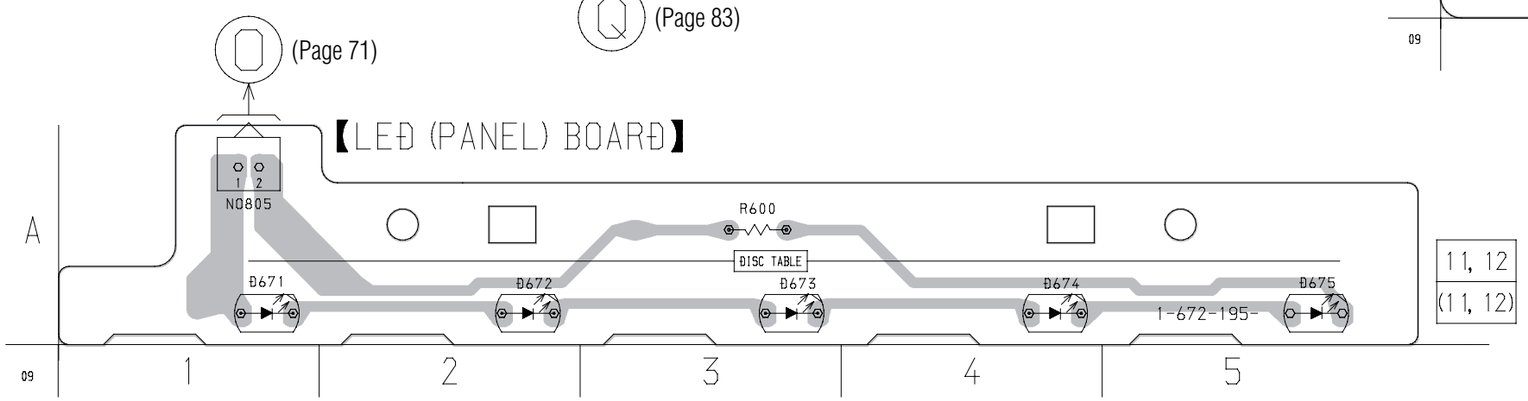


**7-24. PRINTED WIRING BOARD – TC PANEL SECTION –**

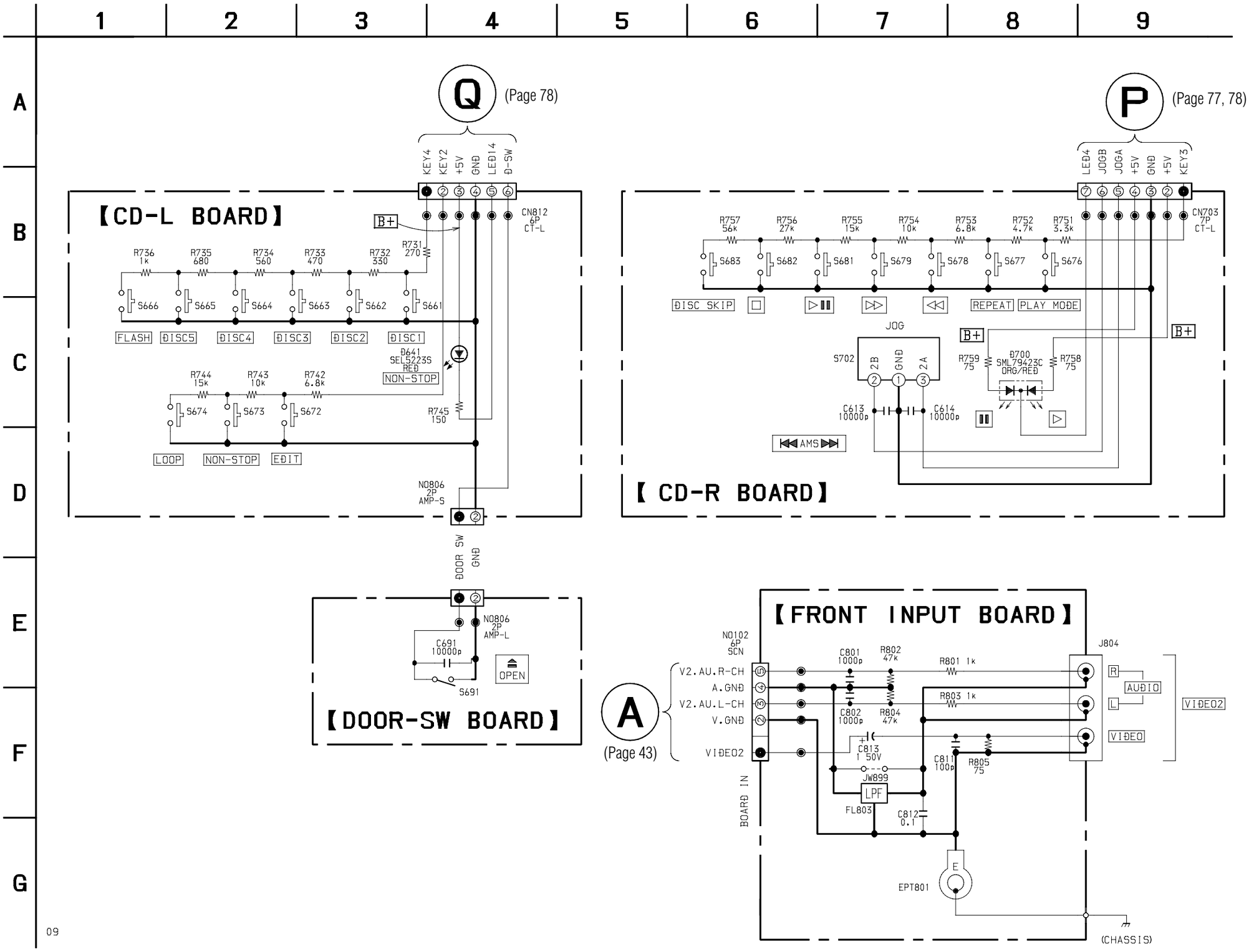
**• See page 19 for Circuit Boards Location.**



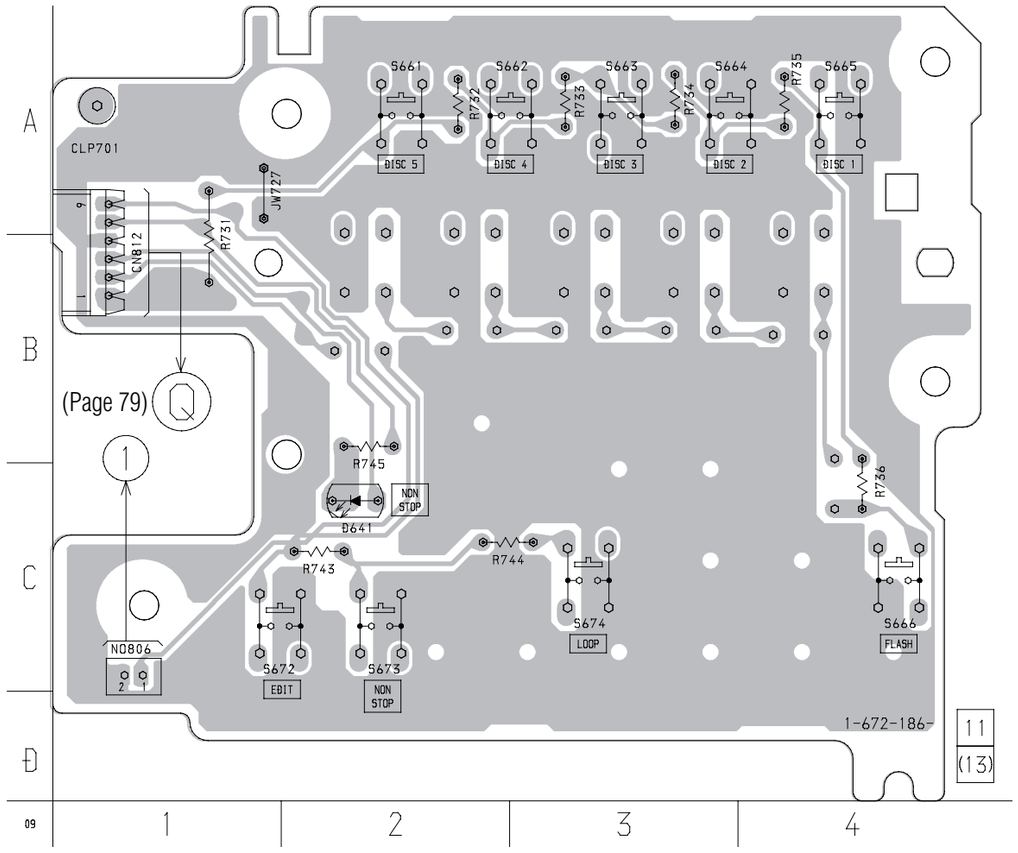
## 7-25. SCHEMATIC DIAGRAM – CD PANEL SECTION –



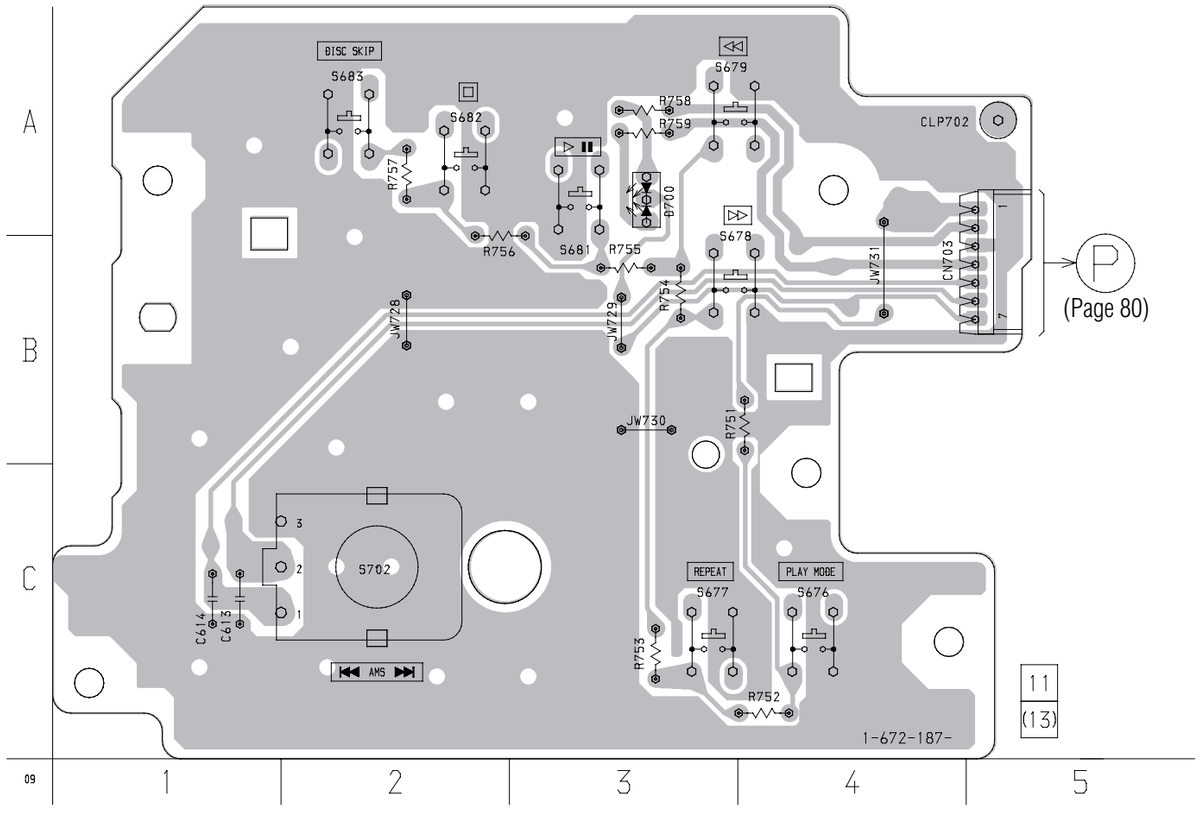
**7-26. PRINTED WIRING BOARD – CD PANEL SECTION –**

**• See page 19 for Circuit Boards Location.**

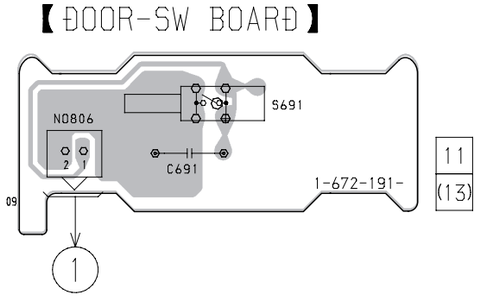
【CD-L BOARD】



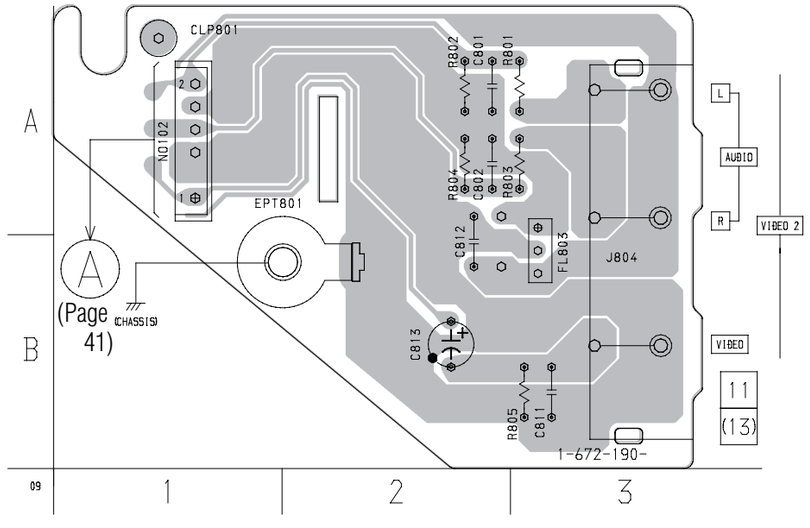

【CD-R BOARD】



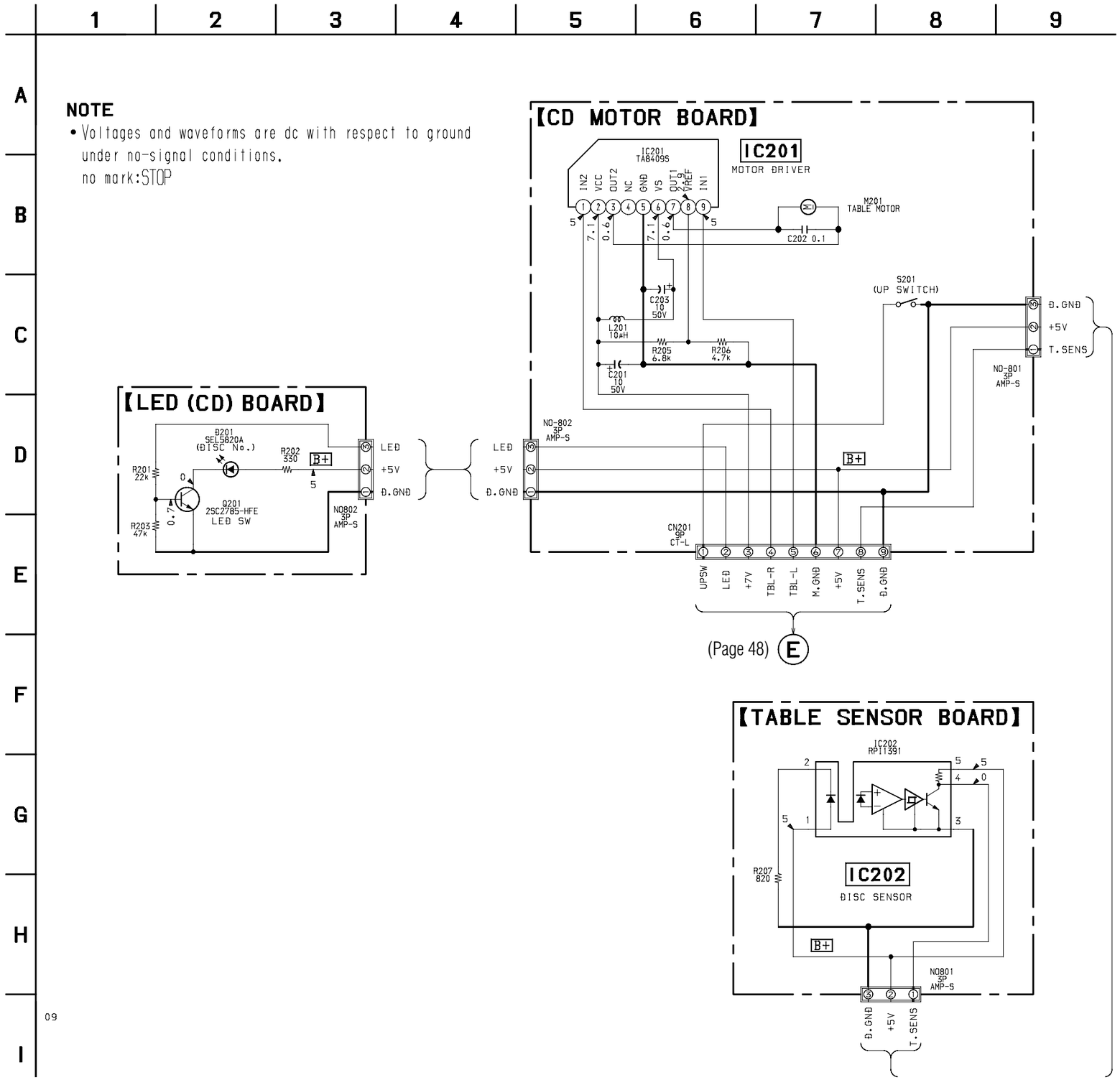

【DOOR-SW BOARD】




【FRONT INPUT BOARD】

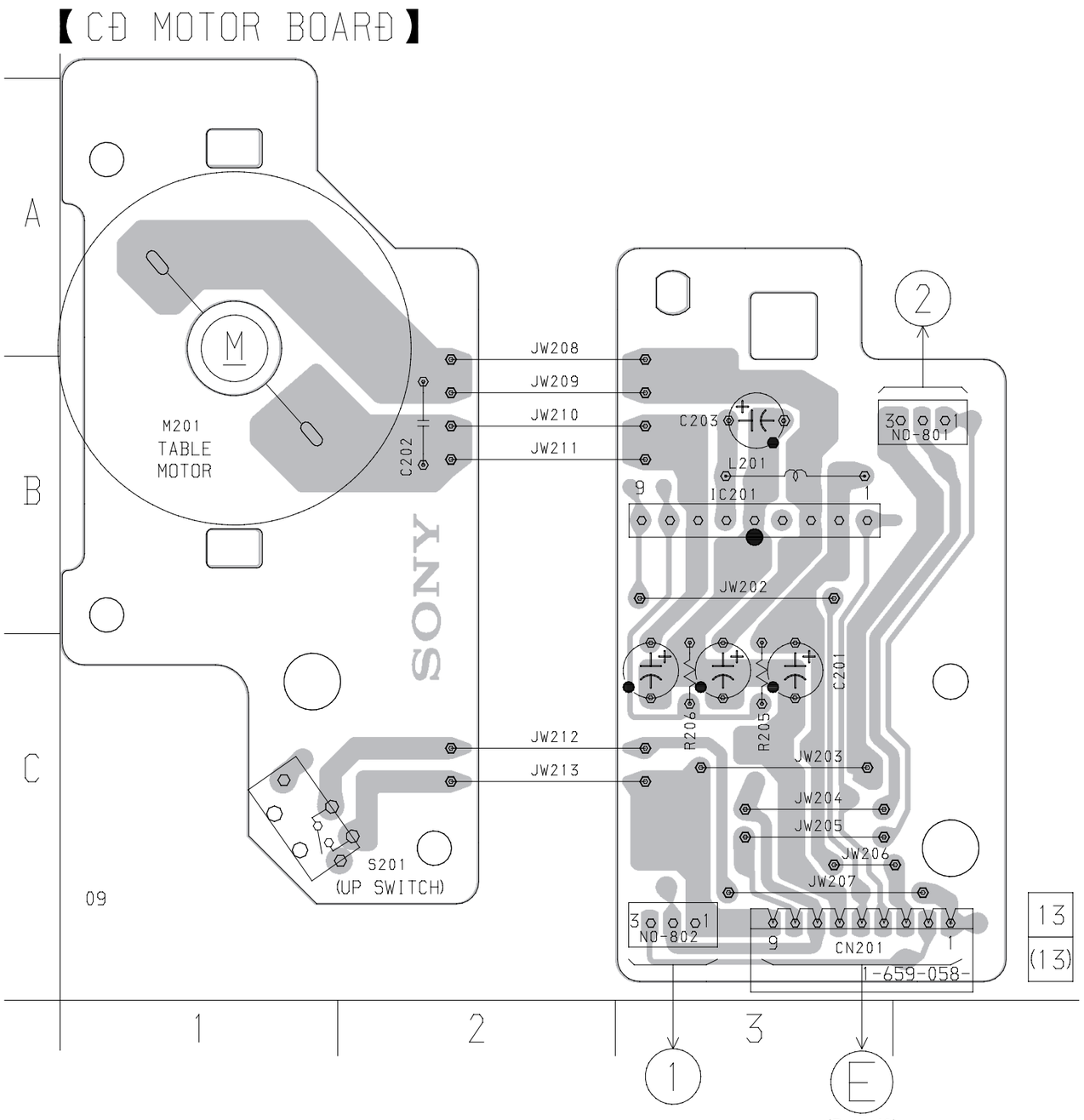


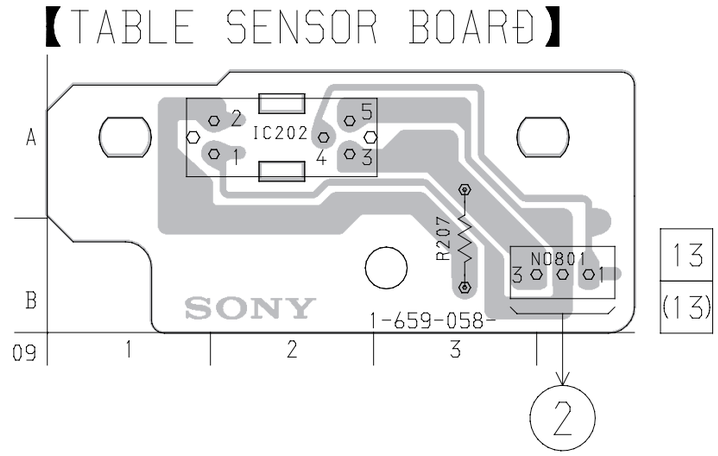
## 7-27. SCHEMATIC DIAGRAM – CD MOTOR SECTION –

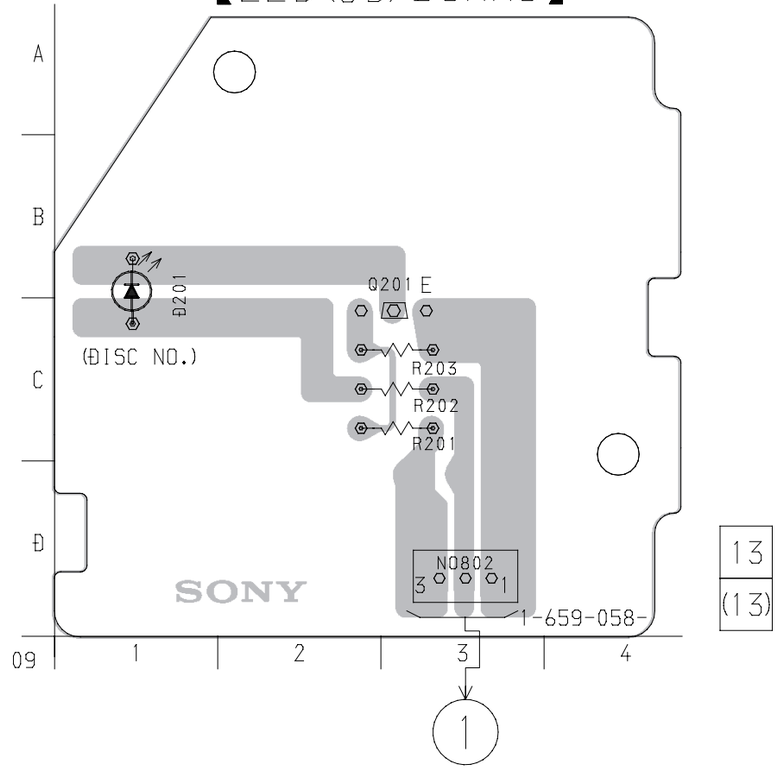


**7-28. PRINTED WIRING BOARD – CD MOTOR SECTION –**

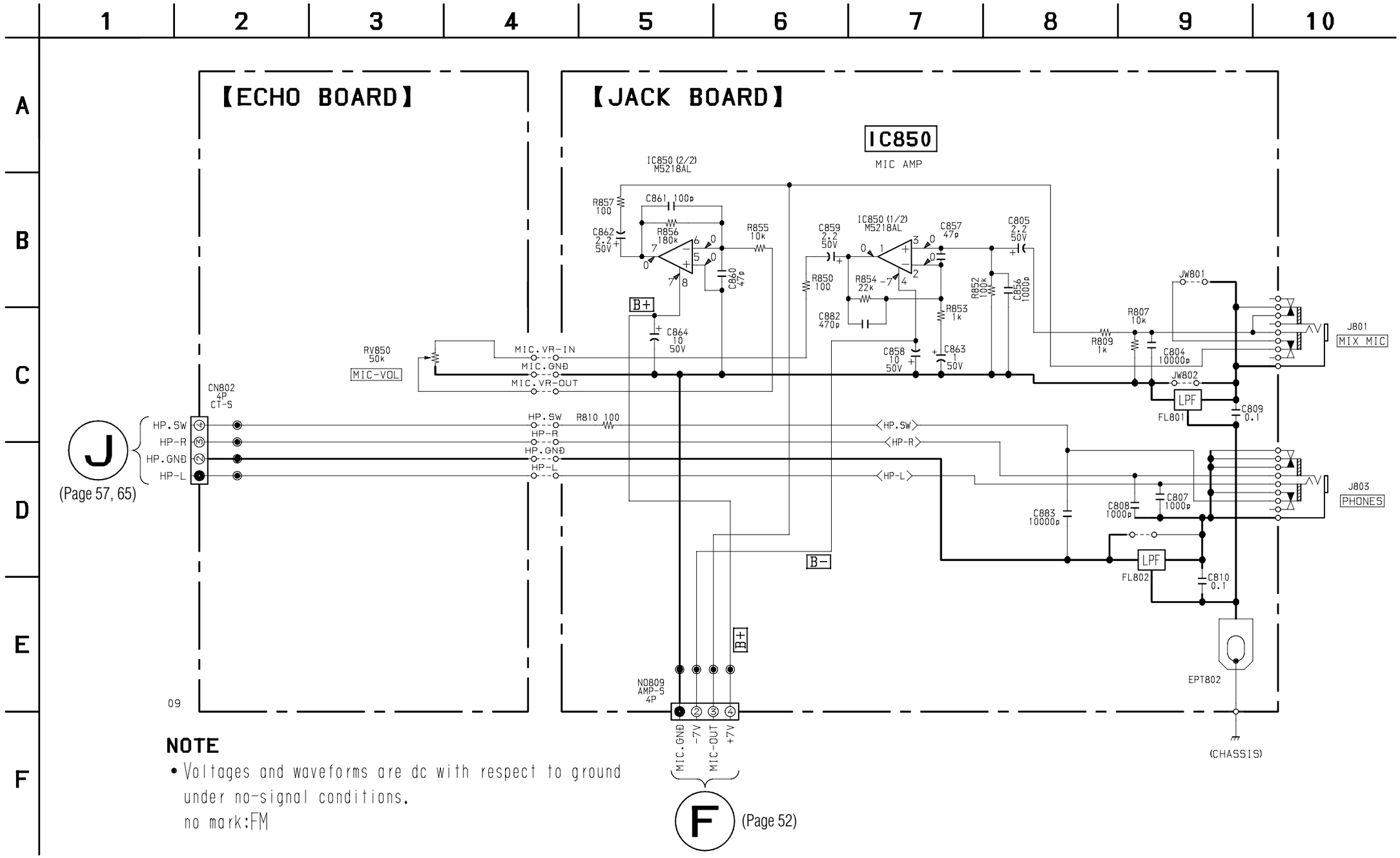
**• See page 19 for Circuit Boards Location.**



### 7-29. SCHEMATIC DIAGRAM – JACK SECTION –

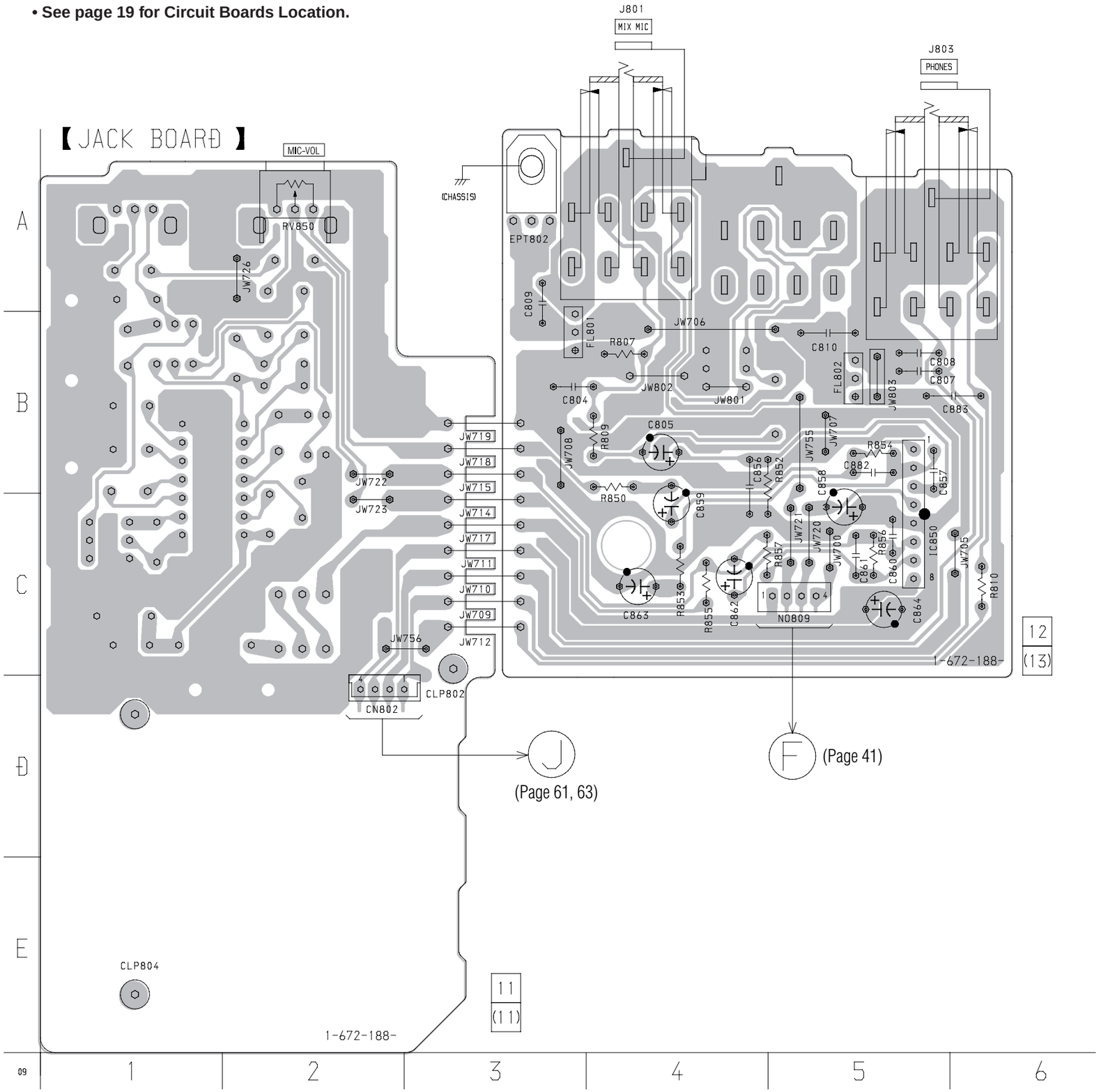



**NOTE**

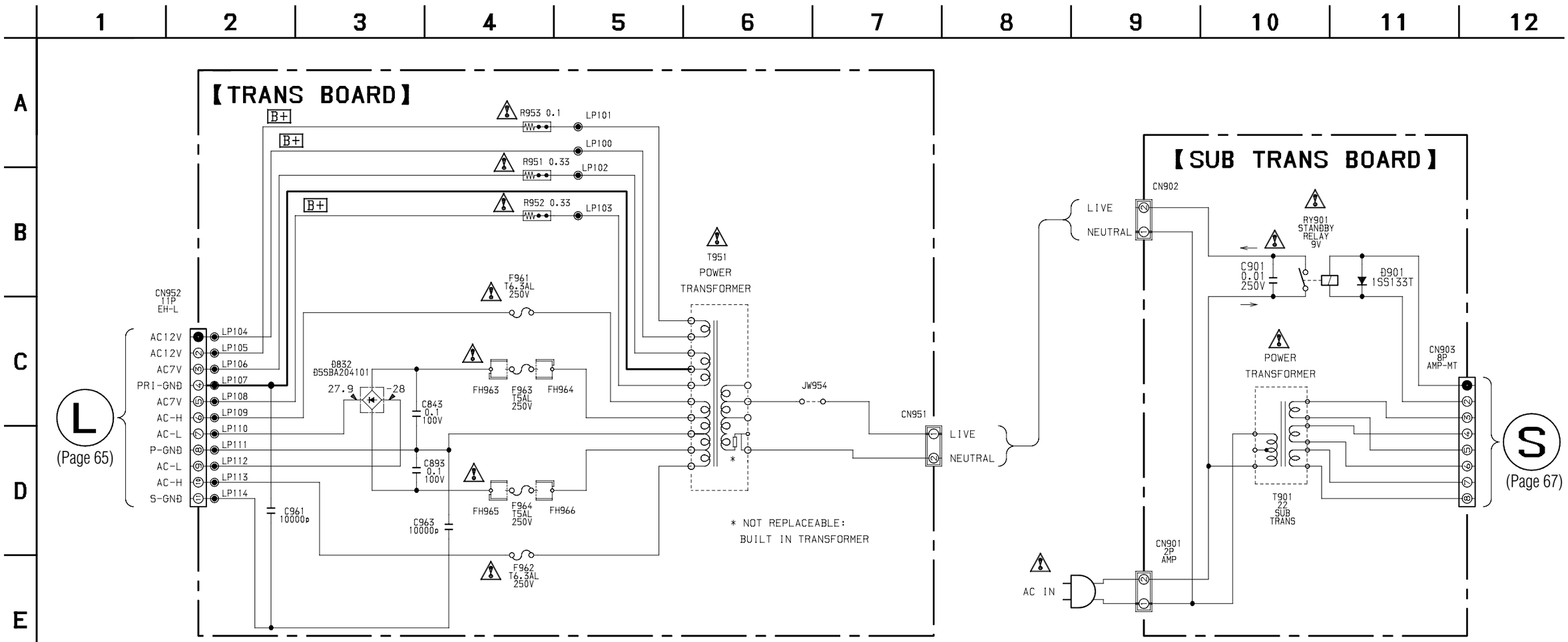
- Voltages and waveforms are dc with respect to ground under no-signal conditions.
  no mark:FM

**7-30. PRINTED WIRING BOARD – JACK SECTION –**

**• See page 19 for Circuit Boards Location.**



## 7-31. SCHEMATIC DIAGRAM – TRANS SECTION – (XB800AV model)



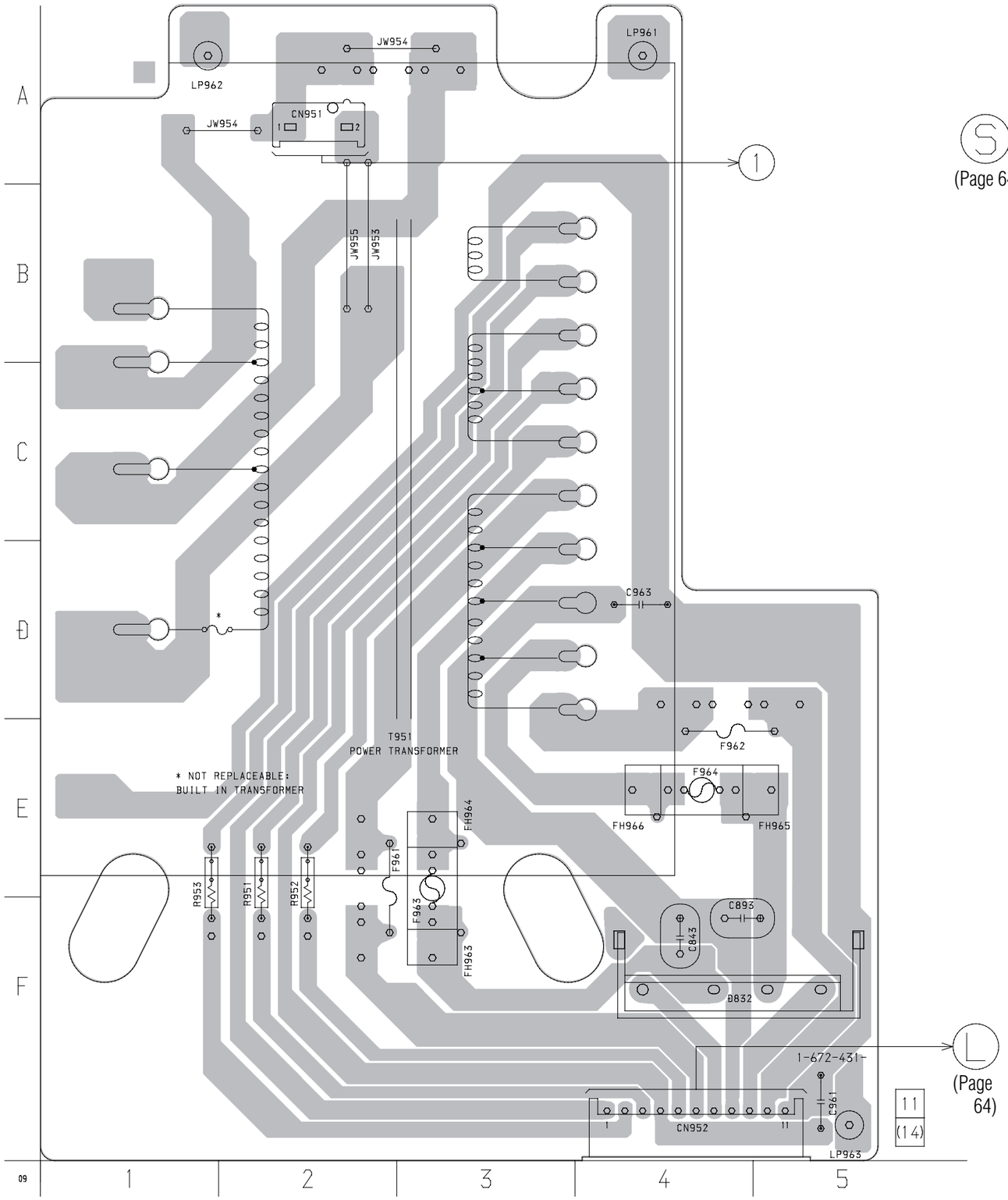

**NOTE**

- Voltages and waveforms are dc with respect to ground under no-signal conditions.
  no mark:FM

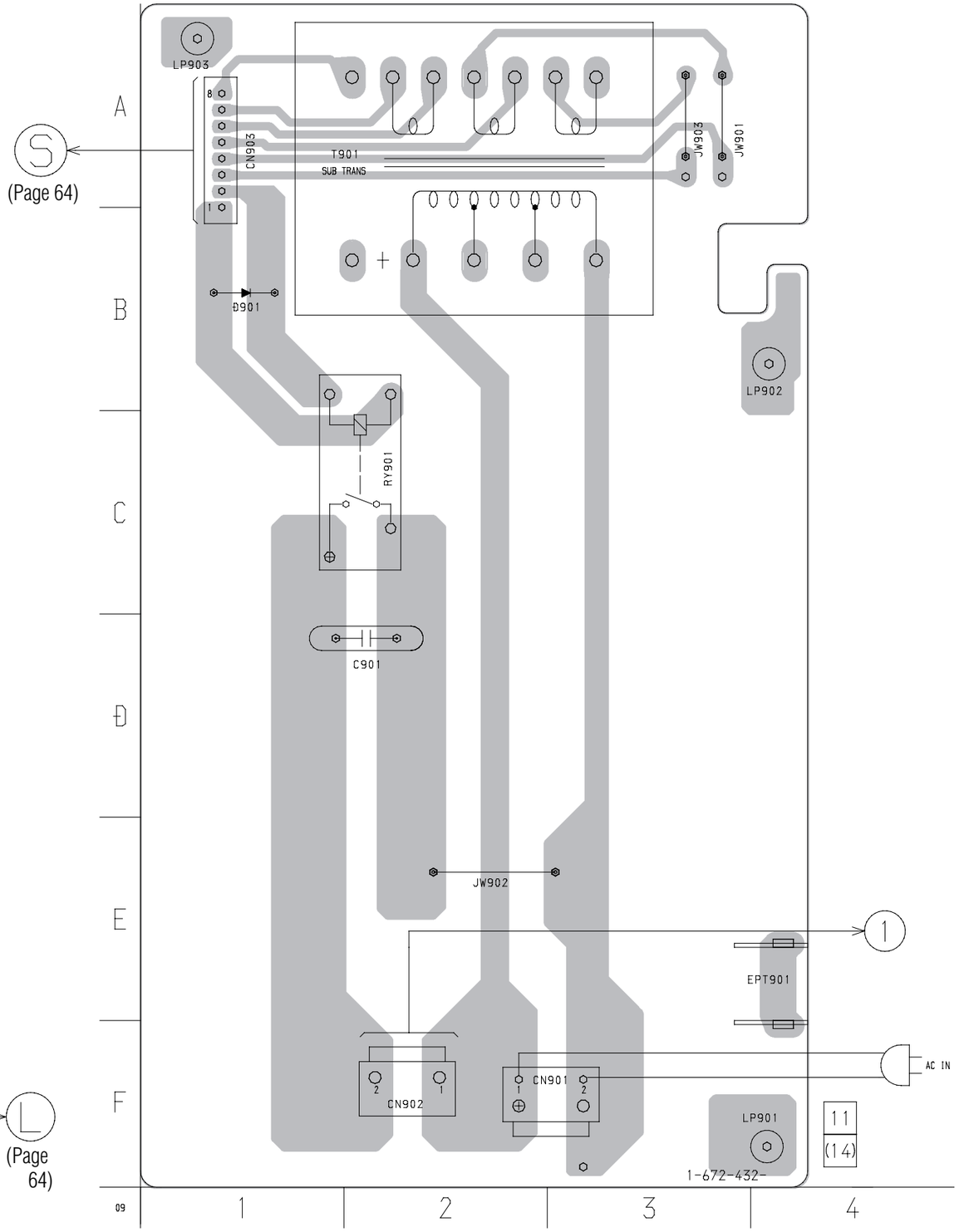
**7-32. PRINTED WIRING BOARD – TRANS SECTION – (XB800AV model)**

• See page 19 for Circuit Boards Location.

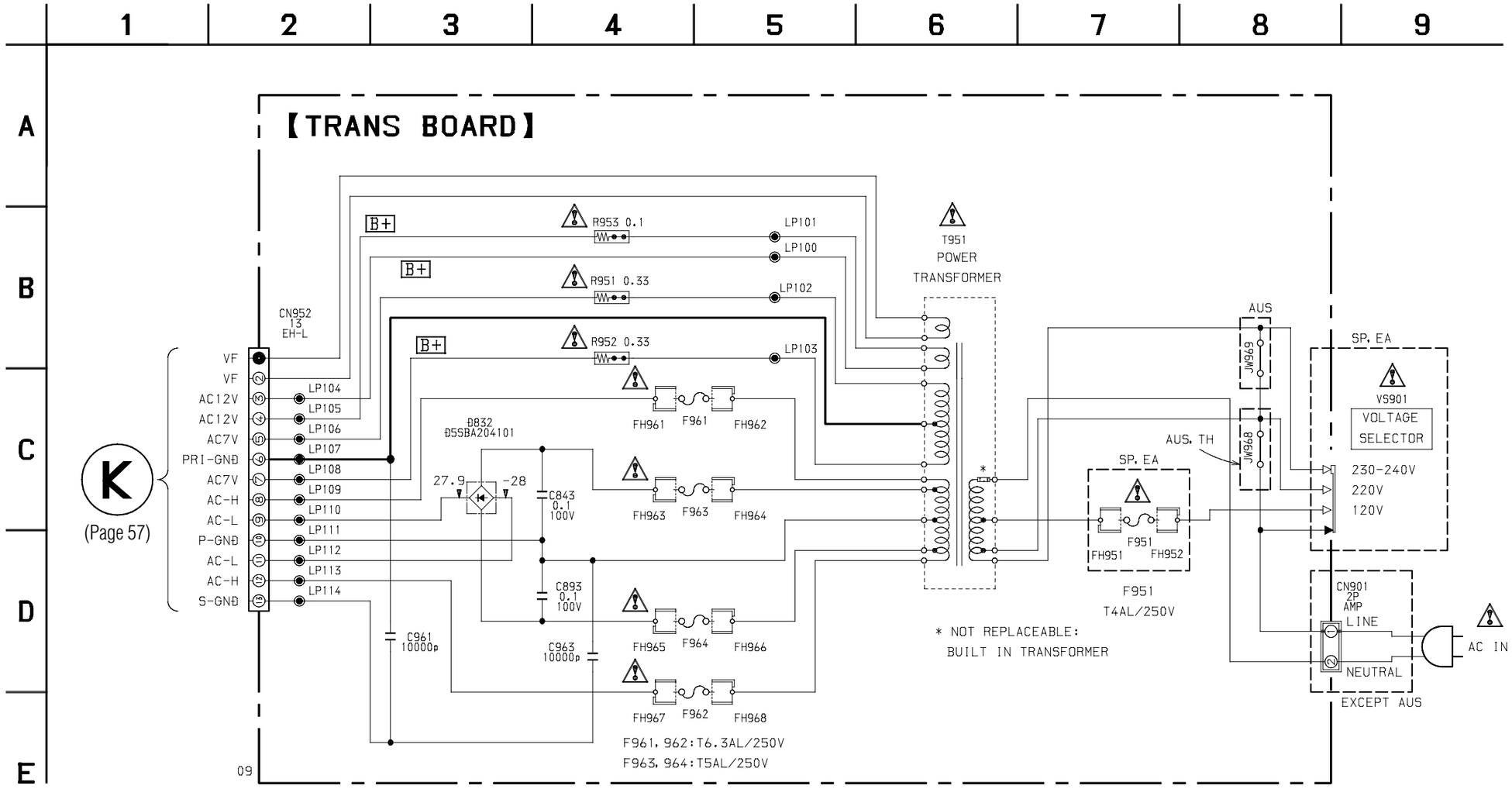
【 TRANS BOARÐ 】




【 SUB TRANS BOARÐ 】



### 7-33. SCHEMATIC DIAGRAM – TRANS SECTION – (DR7AV model)

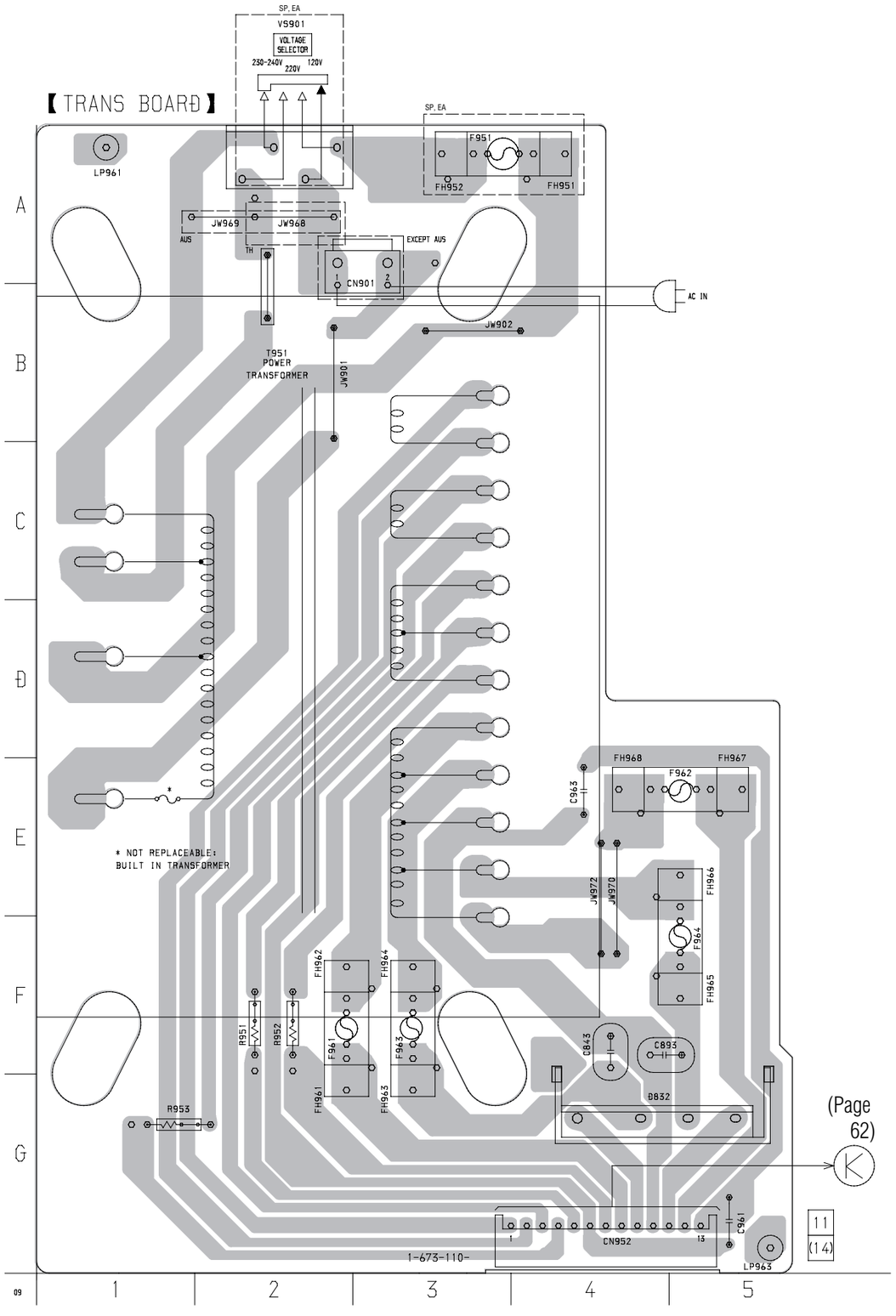



**NOTE**

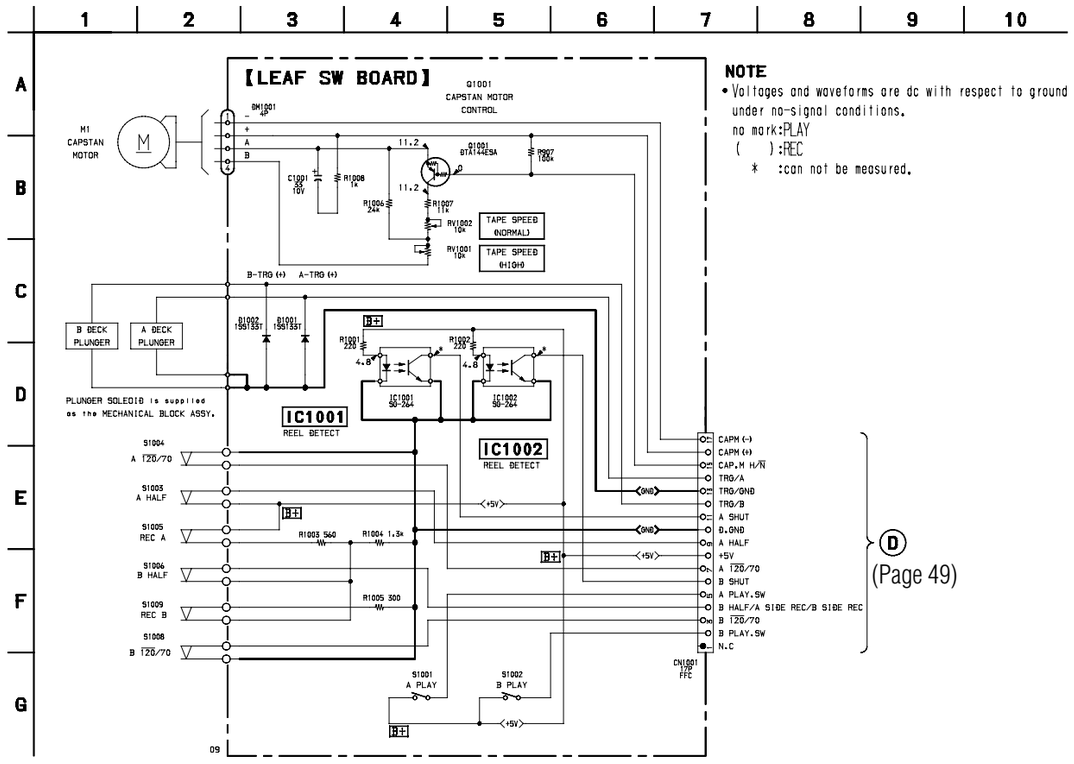
- Voltages and waveforms are dc with respect to ground under no-signal conditions.
  no mark:FM

## 7-34. PRINTED WIRING BOARD – TRANS SECTION – (DR7AV model)

• See page 19 for Circuit Boards Location.

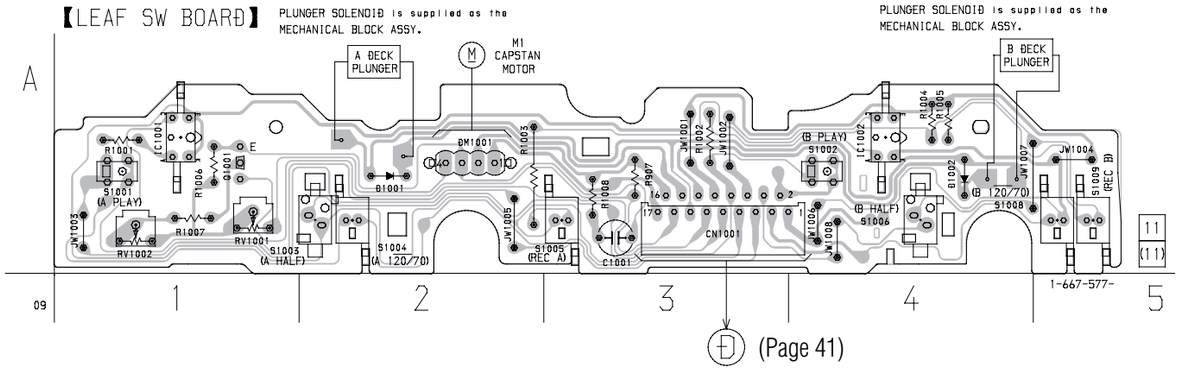



## 7-35. SCHEMATIC DIAGRAM – LEAF SW SECTION –

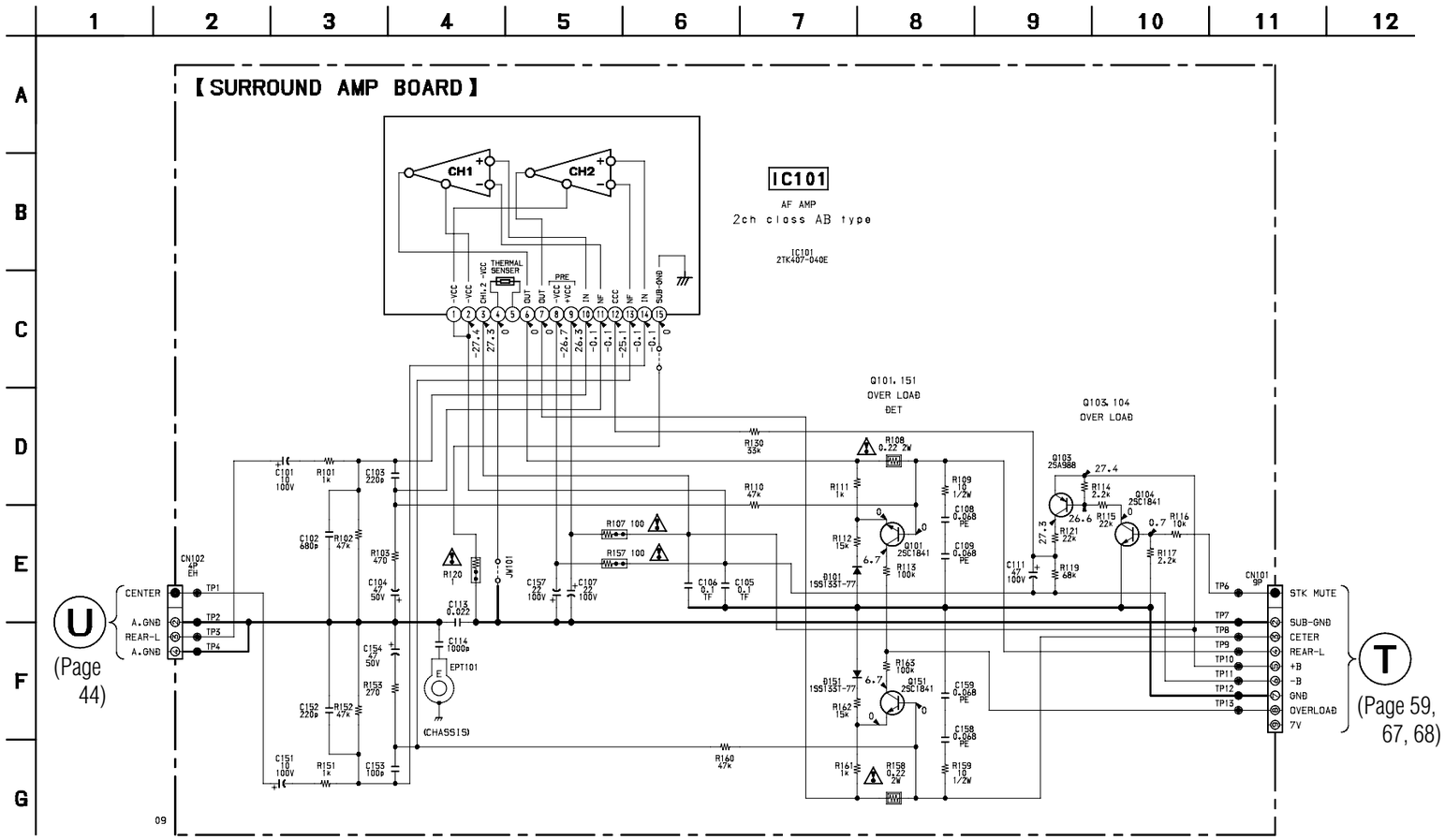



## 7-36. PRINTED WIRING BOARD – LEAF SW SECTION –

• See page 19 for Circuit Boards Location.

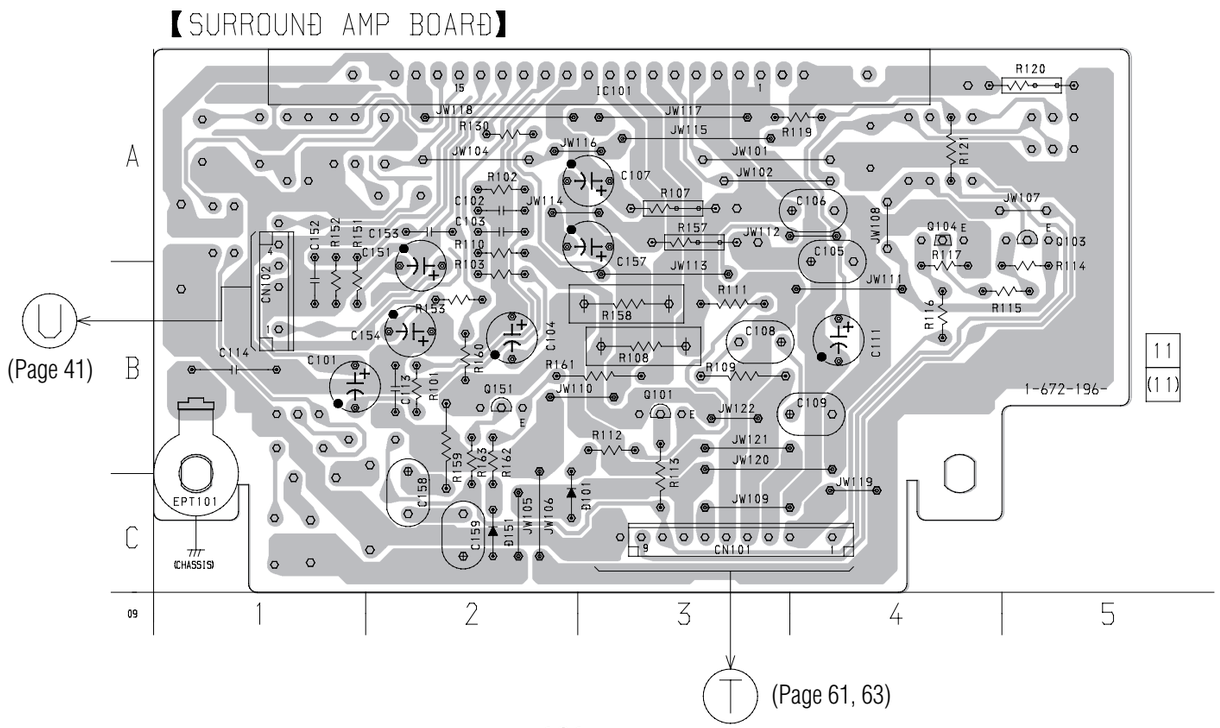


## 7-37. SCHEMATIC DIAGRAM – SURROUND SECTION –




## 7-38. PRINTED WIRING BOARD – SURROUND SECTION –

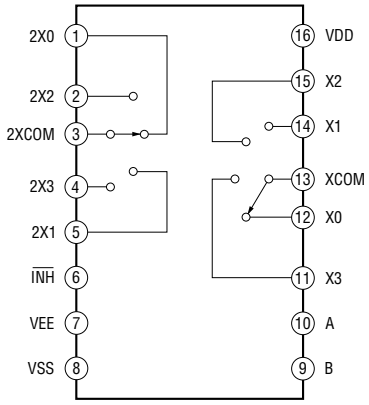
• See page 19 for Circuit Boards Location.



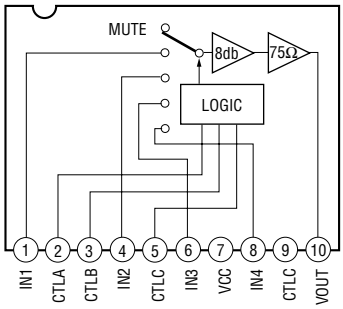
## 7-39. IC BLOCK DIAGRAMS

**• MAIN (1/5) section**

**IC181 MC14052BF**

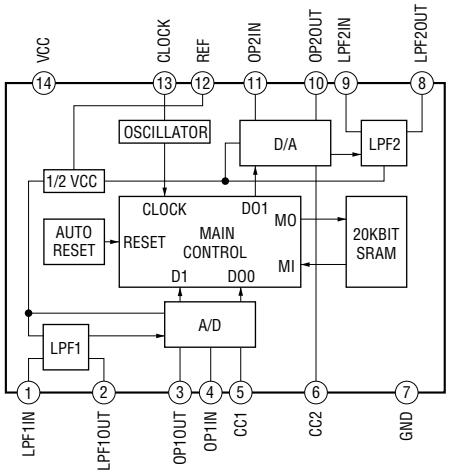



**IC191 BA7615N**



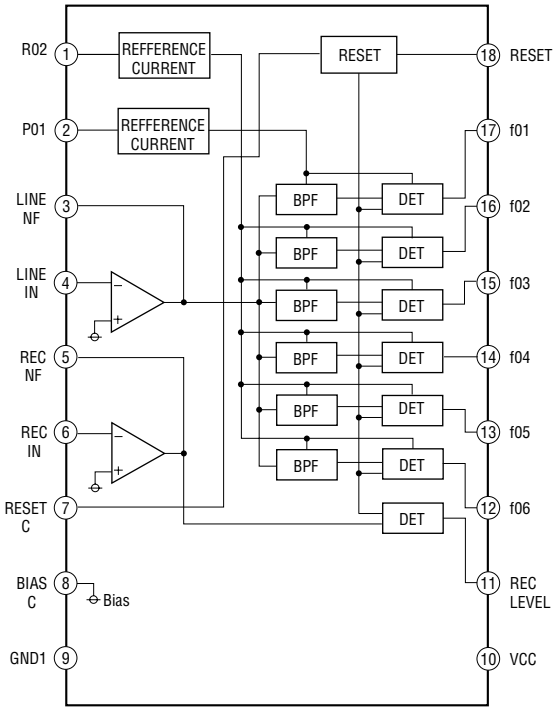

**• PANEL VR section**

**IC851 M65850P**

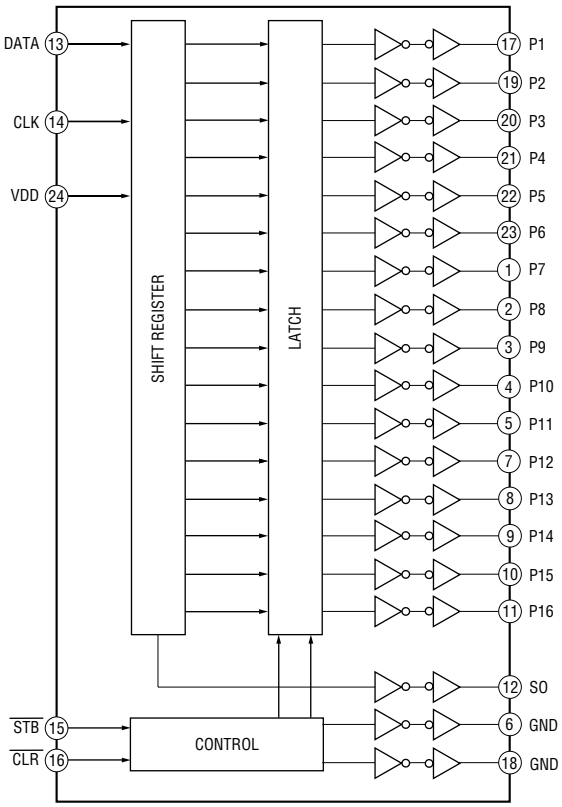



**• PANEL FL section**

**IC603 BA3830F**




**IC604 NJU3716L**



## 7-40. IC PIN FUNCTIONS

**• IC501 MAIN CONTROL (M30622MA-A08FP) (MAIN board)**

| Pin No. | Pin Name | I/O | Function |
|---|---|---|---|
| 1 | POWER | O | Power amp ON/OFF signal output |
| 2 | POWER | O | Power ON/OFF signal output |
| 3 | F-RELAY | O | Front speaker relay control output |
| 4 | REAR-RELAY | O | Rear speaker relay control output (Not used) |
| 5 | CD-POWER | O | CD power on signal output |
| 6 | LINE-MUTE | O | Line mute signal output |
| 7 | DBFB-H/L | O | DBFB H/L select signal output |
| 8 | – | – | Connected to ground |
| 9 | – | – | Connected to ground |
| 10 | XC-IN | I | X'tal (32.768 KHz) (SUB CLOCK) |
| 11 | XC-OUT | O | |
| 12 | RESET | I | System reset signal input |
| 13 | X-OUT | O | X'tal (16MHz) (MAIN SYSTEM CLOCK) |
| 14 | VSS | – | Ground |
| 15 | X-IN | I | X'tal (16MHz) (MAIN SYSTEM CLOCK) |
| 16 | VDD | – | Power supply (+5V) |
| 17 | NMI | I | Not used |
| 18 | WAKE UP | I | WAKE UP signal input |
| 19 | SCOR | I | CD Q-data request signal input |
| 20 | RDS-INT | I | RDS data interrupt input |
| 21 | RDS-DATA | I | RDS data interrupt input |
| 22 | AC-CUT | I | AC cut ON (L)/OFF (H) check |
| 23 | PL-CLK | O | Clock output to pro-logic (Not used) |
| 24 | PL-DATA | O | Data output to pro-logic (Not used) |
| 25 | PL-LAT | O | Latch signal output to pro-logic (Not used) |
| 26 | TIMER LED | O | Not used |
| 27 | PROTECT | I | Speaker protect signal input |
| 28 | V MUTE | O | Video mute signal output |
| 29 | IIC-CLK | O | $I^2C$ SCL |
| 30 | IIC-DATA | O | $I^2C$ SDA |
| 31 | – | – | Not used |
| 32 | SQ-DATA | I | Subcode Q data clock input (CD data) |
| 33 | SQ-CLK | I | Subcode Q data clock input (CD data clock) |
| 34 | SW-MODE | O | SW-MODE music/movie select signal output |
| 35 | CD-DATA | O | CD data output |
| 36 | H/P IN | I | Head phone detect |
| 37 | CD-CLK | O | CD clock output |
| 38 | 493-LAT | O | Latch signal output for IC101 (M62493FP) |
| 39 | CLOCK-OUT | O | Clock out signal check |
| 40 | NO-USE | – | Not used |
| 41 | NO-USE | – | Not used |
| 42 | FL OFF | O | Fluorescent indicator tube filament on/off signal output |
| 43 | STBY RELAY | O | Main POWER on/off signal output |
| 44 | BASS FREQ | O | FREQ high/low signal output (Not used) |
| 45 | FUNC SEL 1 | O | Function select signal output |
| 46 | FUNC SEL 0 | O | Function select signal output |
| 47 | 493-DATA | O | Data signal output for IC101 (M62493FP) |
| 48 | 493-CLK | O | Clock signal output for IC101 (M62493FP) |
| 49 | ST-MUTE | O | Tuner mute signal output |

| Pin No. | Pin Name | I/O | Function |
|---|---|---|---|
| 50 | STEREO | I | Stereo detection for tuner |
| 51 | TUNED | I | Tuned detection for tuner |
| 52 | ST-CE | O | Tuner chip enable output |
| 53 | ST-DOUT | O | Tuner data output |
| 54 | ST-DIN | I | Tuner data input |
| 55 | ST-CLK | O | Tuner clock output |
| 56 | SENS | I | BD Condition signal input |
| 57 | HOLD | O | MODE signal output |
| 58 | XLT | O | CD latch signal output |
| 59 | XRST | O | CD reset signal output |
| 60 | DISC-SENS | I | Slit sensor of disc table input (Connected to ground) |
| 61 | T-SENS | I | CD table detection signal input |
| 62 | VDD | – | Power supply (+5V) |
| 63 | TBL-L | O | Table motor control output |
| 64 | VSS | I | Ground |
| 65 | TBL-R | O | Table motor control output |
| 66 | LOAD-OUT | O | Loading motor control signal output (Not used) |
| 67 | LOAD-IN | O | |
| 68 | ENC 3/UP-SW | I | Disc tray address detect encoder input |
| 69 | ENC 2/DISC-LED | I | |
| 70 | ENC 1 | I | (Connected to ground) |
| 71 | OUT-OPEN | O | (Connected to ground) Loading out detection signal output |
| 72 | B-TRG | O | B deck trigger motor control output |
| 73 | A-TRG | O | A deck trigger motor control output |
| 74 | CAP-M-COT2 | O | Capstan motor REW/FWD/STOP signal output |
| 75 | CAP-M-COT1 | O | Capstan motor REW/FWD/STOP signal output |
| 76 | CAP-M-H/L | O | Capstan motor High/Low speed select signal output |
| 77 | AMS-IN | I | AMS signal input |
| 78 | TC-MUTE | O | TC line mute ON/OFF selection output |
| 79 | R/PB/PAS | O | REC/PB/PASS selection output |
| 80 | NR-ON/OFF | O | DOLBY NR ON/OFF signal output |
| 81 | REC-MUTE | O | REC mute ON/OFF selection output |
| 82 | BIAS | O | Bias ON/OFF signal output |
| 83 | EQ-H/N | O | Equalizer High/Normal select output |
| 84 | PB-A/B | O | PB A deck/B deck select output |
| 85 | ALC | O | ALC ON/OFF output signal |
| 86 | B-PLAY-SW | I | B deck play detect |
| 87 | A-PLAY-SW | I | A deck play detect |
| 88 | A-HALF | I | A Deck half detector signal input |
| 89 | B-HALF | I | B Deck half detector signal input |
| 90 | B-SHUT | I | B Deck reel pulse detector |
| 91 | A-SHUT | I | A Deck reel pulse detector |
| 92 | SOFT-TEST | O | Software test port (Not used) |
| 93 | HP-MUTE | O | Head phone mute signal output |
| 94 | KEY/CD-ADJ | I | KEY (use the jig)/CD adjust point port |
| 95 | MODEL IN | I | MODEL input |
| 96 | AVSS | – | Analog ground |
| 97 | SPEC-IN | I | Specifications input |
| 98 | VREF | I | Analog reference voltage input |
| 99 | AVCC | – | Analog power supply (+5V) |
| 100 | TC-RELAY | O | REC/PB head selection output for IC602 |

• **IC601 DISPLAY CONTROL (TMP88CS76F-6004/TMP88CS76F-6000) (PANEL FL board)**

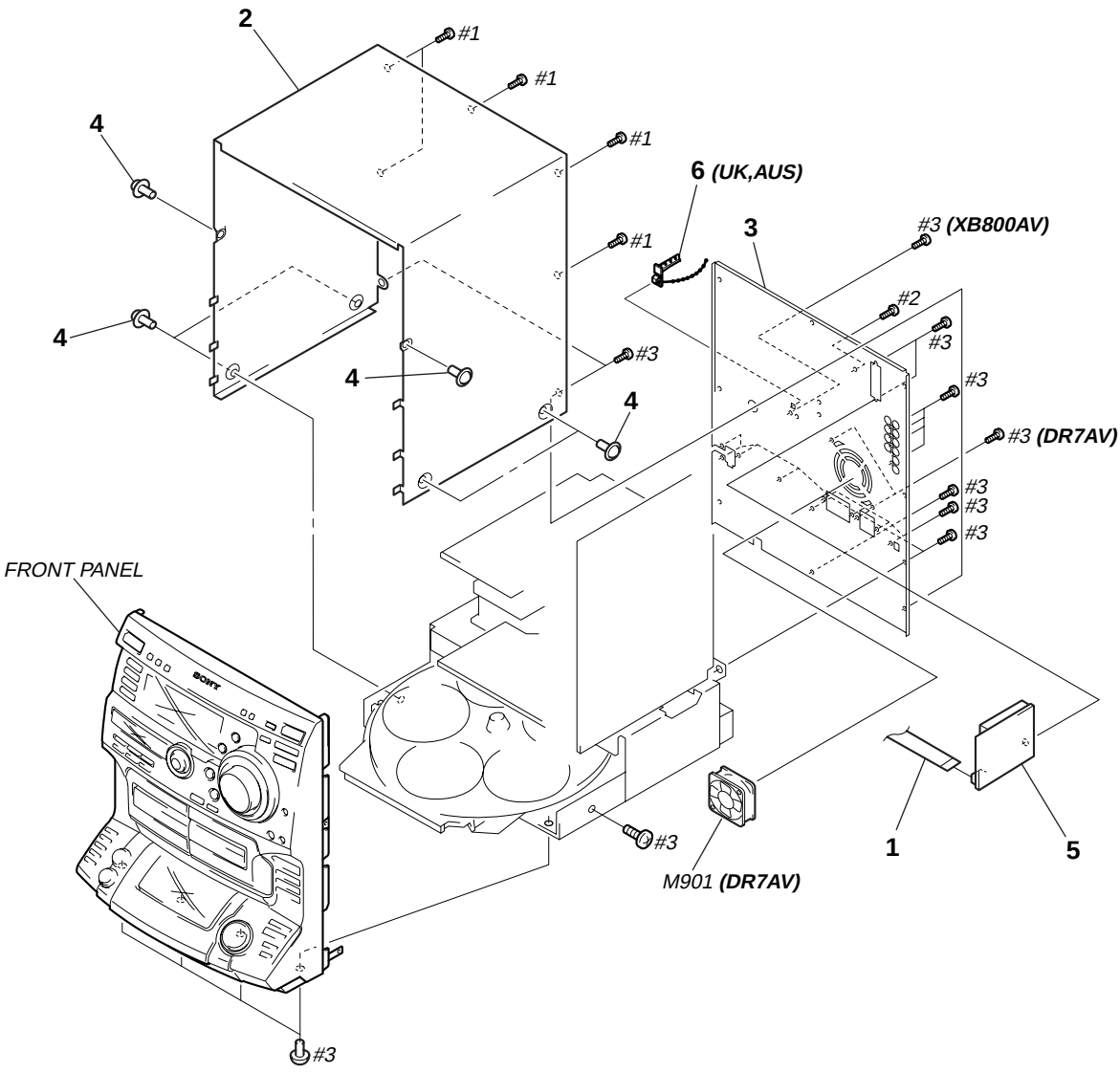
| Pin No. | Pin Name | I/O | Function |
|---|---|---|---|
| 1 | SIRCS | I | Remote commander signal input |
| 2 | JOG A | I | Rotary encoder (S702) pulse input |
| 3 | LED SCK | O | LED clock signal output |
| 4 | LED LATCH | O | LED latch signal output |
| 5 | LED DAT | O | LED serial data output |
| 6 | LED POWER | – | Not used |
| 7 | LED SEL | O | LED select signal output |
| 8 | JOG B | I | Rotary encoder (S702) pulse input |
| 9 | VOLUME A | I | Rotary encoder (S701) pulse input |
| 10 | VOLUME B | I | |
| 11 to 15 | KEY 0 to KEY 4 | I | Key input |
| 16 to 20 | BPF 0 to BPF 4 | I | Rec level signal input |
| 21 | ALL BAND | O | Rec level signal output for auto DBDF |
| 22 | WAKE UP | O | Gradation right/WAKE UP signal output |
| 23 | Vss | – | Ground |
| 24 | VAss | – | |
| 25 | VAref | I | Analog reference voltage input |
| 26 | VDD | – | Power supply (+5V) |
| 27 to 40 | GR 3 to GR 16 | O | FL gride signal output |
| 41 | VDD VFT | – | Power supply (+5V) for VFT |
| 42, 43 | GR 1, GR 2 | O | FL gride signal output |
| 44 | SEG 0 | O | FL segment signal output (Not used) |
| 45 to 67 | SEG 1 to SEG 23 | O | FL segment signal output |
| 68 | Vkk | – | Power supply (-25V) for FL segment signal output |
| 69 | Vdd | – | Power supply (+5V) |
| 70 | X in | I | X’tal (12.5MHz) |
| 71 | Vss | – | Ground |
| 72 | X out | O | X’tal (12.5MHz) |
| 73 | RESET | I | Reset signal input from main controller |
| 74 | DAILY LED | O | LED driver output |
| 75 | REC LED | O | |
| 76 | TEST | I | Connected ground |
| 77 | LED-ECO | O | LED driver output |
| 78 | $I^2C$ DATA | I | $I^2C$ SDA input from master controller |
| 79 | $I^2C$ CLK | I | $I^2C$ SCL input from master controller |
| 80 | D-SW | I | Door switch signal input |

# SECTION 8
# EXPLODED VIEWS

NOTE:
- Items marked "*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- The mechanical parts with no reference number in the exploded views are not supplied.
- Hardware (# mark) list and accessories and packing materials are given in the last of this parts list.
- Abbreviation
  EE : East European model
  EA : Saudi Arabia model
  SP : Singapore model
  AUS : Australian model
  TH : Thailand model

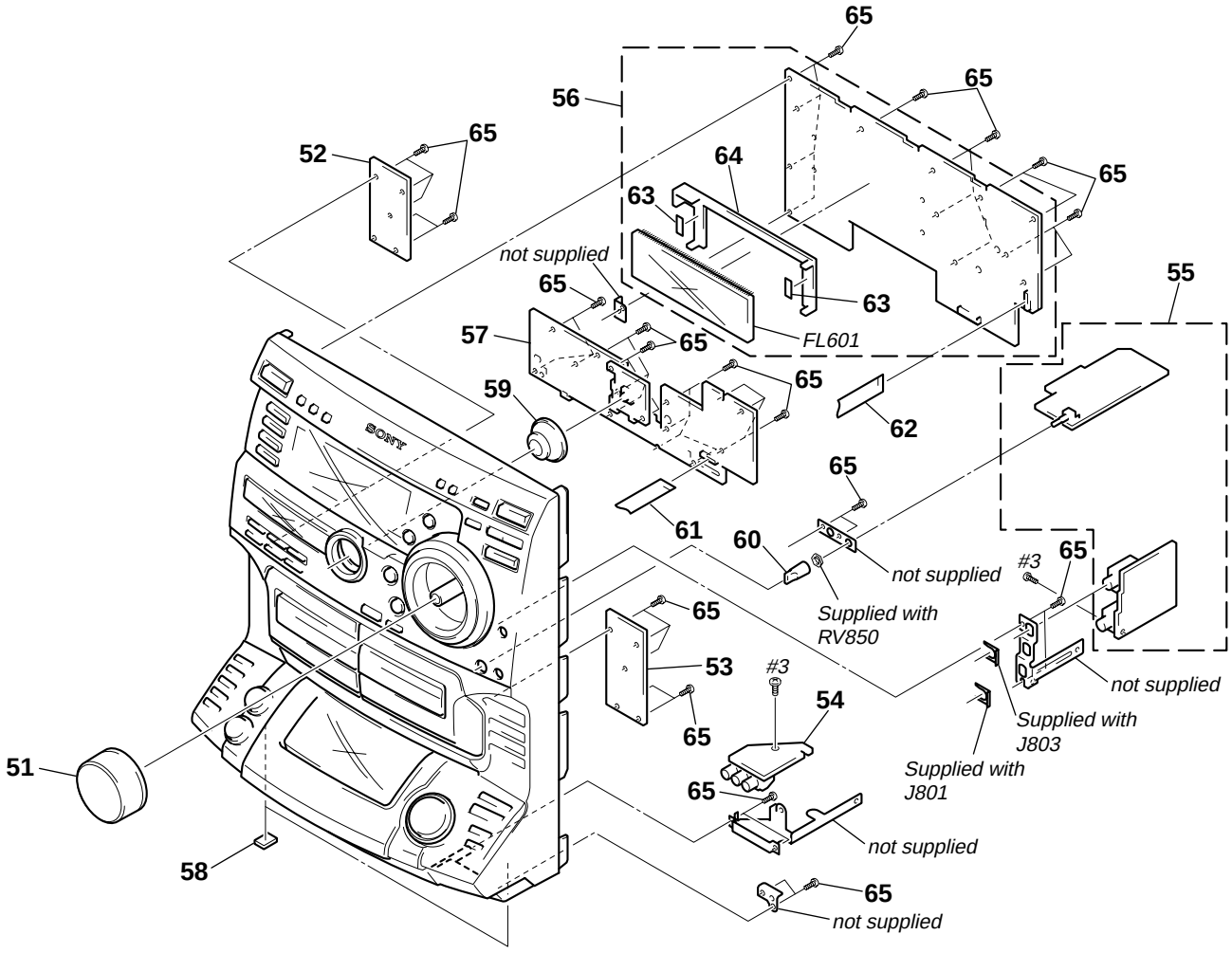
The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety.
Replace only with part number specified.

## 8-1. CASE AND BACK PANEL SECTION




| Ref. No. | Part No. | Description | Remark |
|---|---|---|---|
| 1 | 1-769-977-11 | WIRE (FLAT TYPE) (13 CORE)(DR7AV) | |
| 1 | 1-773-009-11 | WIRE (FLAT TYPE) (15 CORE)(XB800AV) | |
| * 2 | 4-214-777-11 | CASE | |
| * 3 | 4-214-785-31 | PANEL, BACK (XB800AV)(INDONESIA PRODUCT) | |
| * 3 | 4-214-788-01 | PANEL, BACK (DR7AV:SP) | |
| * 3 | 4-214-788-11 | PANEL, BACK (DR7AV:EA) | |
| * 3 | 4-214-788-21 | PANEL, BACK (DR7AV:AUS) | |
| * 3 | 4-214-788-61 | PANEL, BACK (DR7AV:TH) | |
| * 3 | 4-214-785-41 | PANEL, BACK (XB800AV)(THAI PRODUCT) | |
| 4 | 3-363-099-01 | SCREW (CASE 3 TP2) | |
| 5 | 1-233-545-11 | TUNER (FM/AM)(DR7AV) | |
| 5 | 1-693-443-11 | TUNER (FM/AM)(XB800AV) | |
| 6 | 4-956-370-12 | BAND, PLUG FIXED (UK,AUS) | |
| M901 | 1-698-792-11 | FAN, DC (DR7AV) | |

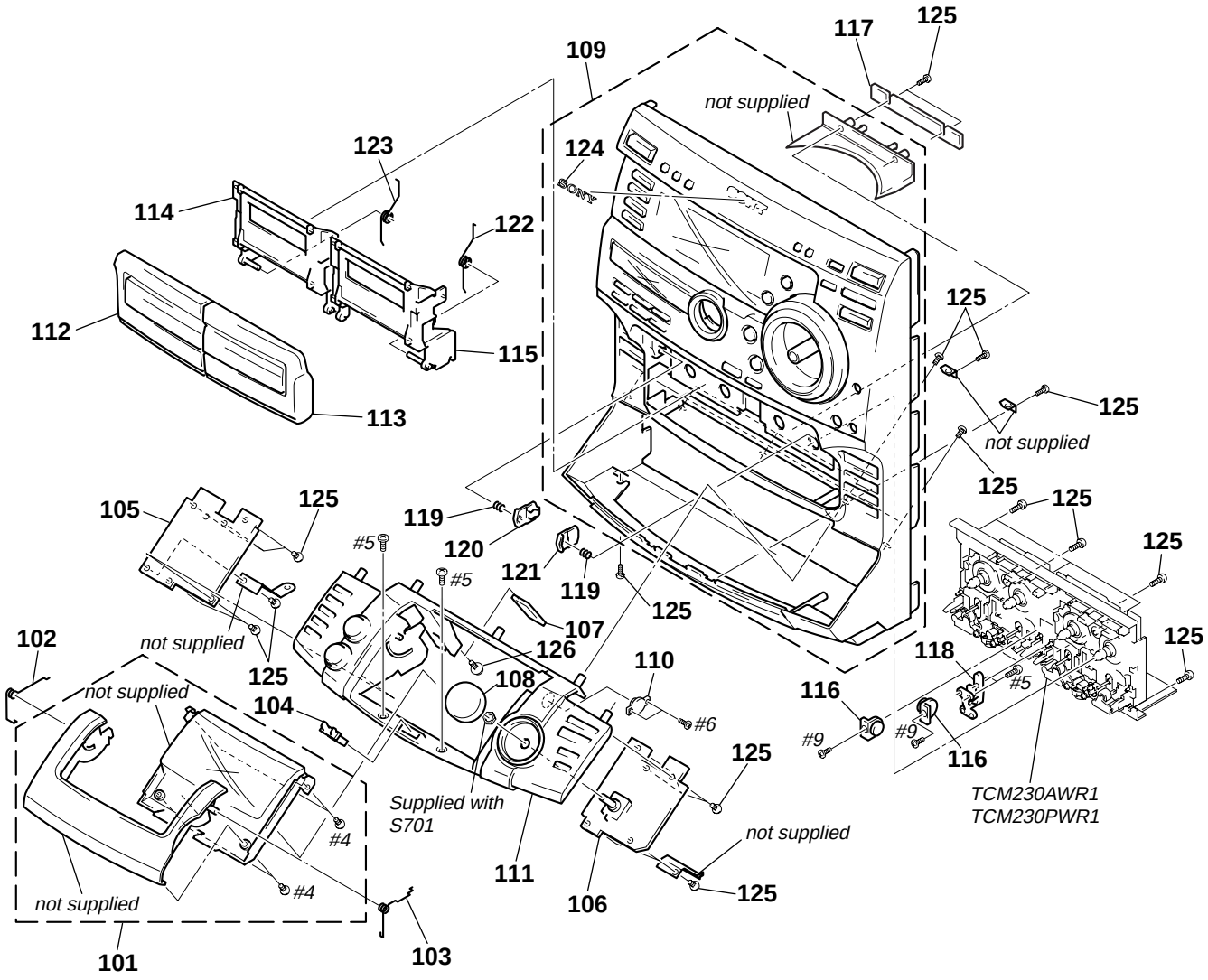
## 8-2. FRONT PANEL SECTION 1




| Ref. No. | Part No. | Description | Remark |
|---|---|---|---|
| 51 | 4-214-716-01 | KNOB (VOL) | |
| * 52 | 1-672-193-11 | TC-A BOARD | |
| * 53 | 1-672-194-11 | TC-B BOARD | |
| * 54 | 1-672-190-11 | FRONT INPUT BOARD | |
| * 55 | A-4417-530-A | JACK BOARD, COMPLETE | |
| * 56 | A-4417-490-A | PANEL FL BOARD, COMPLETE (XB800AV) | |
| * 56 | A-4417-570-A | PANEL FL BOARD, COMPLETE (DR7AV) | |
| * 57 | A-4417-502-A | PANEL VR BOARD, COMPLET | |
| 58 | 4-948-236-21 | CUSHION (107) | |

| Ref. No. | Part No. | Description | Remark |
|---|---|---|---|
| 59 | 4-214-717-01 | CURSOR | |
| 60 | 4-214-756-01 | KNOB (MICROPHONE) | |
| 61 | 1-773-002-11 | WIRE (FLAT TYPE) (15 CORE)(80mm) | |
| 62 | 1-773-034-11 | WIRE (FLAT TYPE) (15 CORE)(420mm) | |
| * 63 | 4-949-935-81 | CUSHION (FL) | |
| * 64 | 4-214-749-01 | HOLDER (925), FL TUBE | |
| 65 | 4-951-620-01 | SCREW (2.6X8), +BVTP | |
| FL601 | 1-517-839-11 | INDICATOR TUBE, FLUORESCENT | |

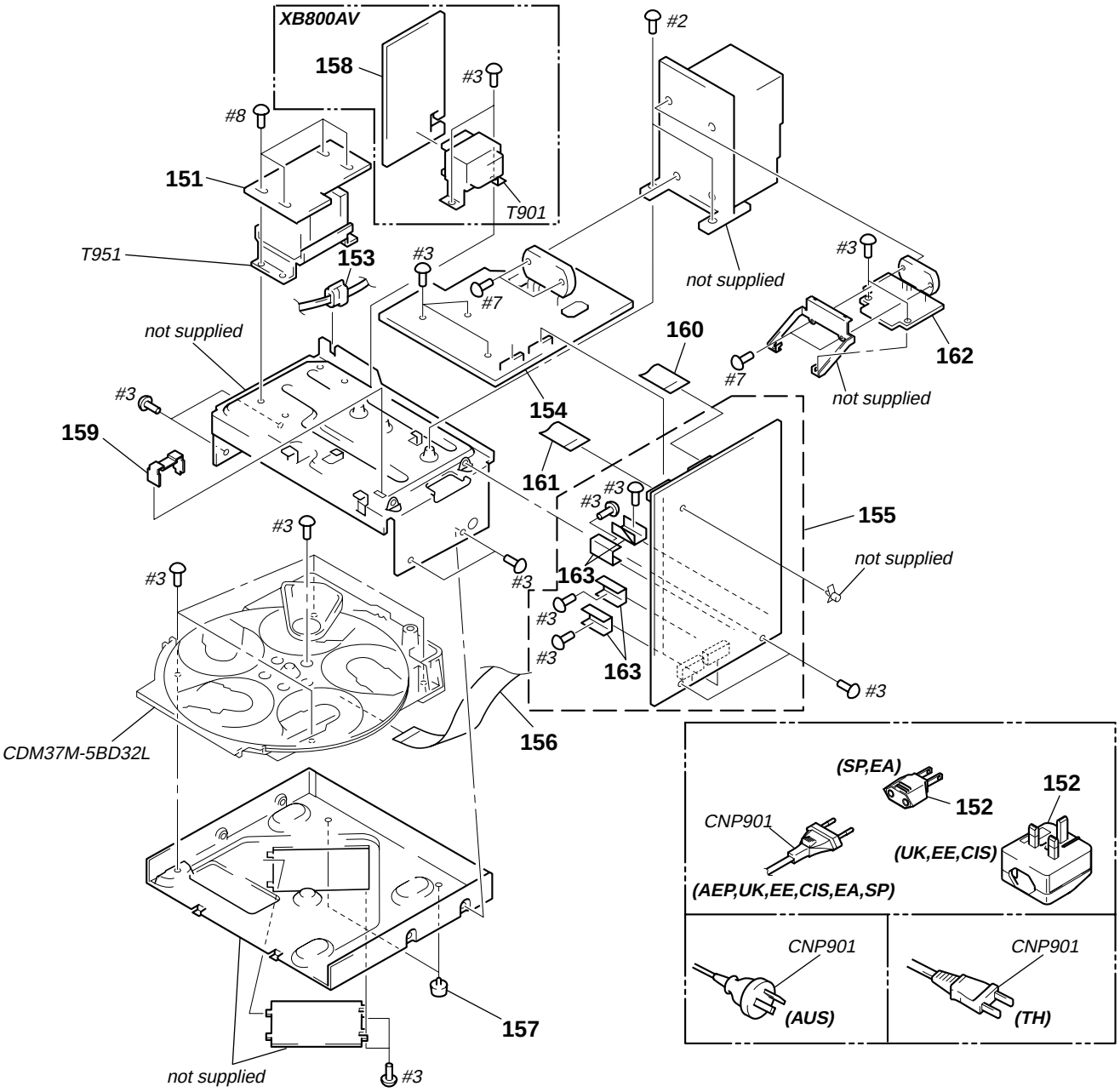
## 8-3. FRONT PANEL SECTION 2




| Ref. No. | Part No. | Description | Remark |
|---|---|---|---|
| 101 | X-4950-635-1 | LID ASSY, CD | |
| 102 | 4-214-773-01 | SPRING (CD-L), TORSION | |
| 103 | 4-214-774-01 | SPRING (CD-R), TORSION | |
| 104 | 4-040-472-01 | LATCH, D.C. | |
| * 105 | 1-672-186-11 | CD-L BOARD | |
| * 106 | 1-672-187-11 | CD-R BOARD | |
| * 107 | 1-672-191-11 | DOOR-SW BOARD | |
| 108 | 4-214-718-01 | KNOB (CD) | |
| 109 | X-4950-621-1 | PANEL ASSY (DR7AV) | |
| 109 | X-4950-623-1 | PANEL ASSY (XB800AV) | |
| * 110 | 3-973-975-21 | DAMPER, OIL | |
| 111 | X-4950-633-1 | PANEL ASSY, SUB | |
| 112 | X-4950-660-1 | LID (A) ASSY, CASSETTE (XB800AV) | |
| 112 | X-4950-661-1 | LID (A) ASSY, CASSETTE (DR7AV) | |
| 113 | X-4950-639-1 | LID (B) ASSY, CASSETTE | |

| Ref. No. | Part No. | Description | Remark |
|---|---|---|---|
| 114 | X-4950-641-1 | HOLDER (A) ASSY, CASSETTE | |
| 115 | X-4950-642-1 | HOLDER (B) ASSY, CASSETTE | |
| 116 | 4-210-045-02 | DAMPER | |
| * 117 | 1-672-195-11 | LED (PANEL) BOARD | |
| 118 | 4-214-755-01 | HOLDER (FULCRUM) | |
| 119 | 4-214-775-02 | SPRING, PUSH CATCHER RETURN | |
| 120 | 4-214-760-11 | CATCHER (A), PUSH | |
| 121 | 4-214-761-11 | CATCHER (B), PUSH | |
| 122 | 4-214-769-01 | SPRING (TC-B), TORSION | |
| 123 | 4-214-768-01 | SPRING (TC-A), TORSION | |
| 124 | 4-214-759-01 | EMBLEM (NO.6), SONY | |
| 125 | 4-951-620-01 | SCREW (2.6X8), +BVTP | |
| 126 | 4-957-577-01 | SCREW PTP WH (2.6X8)(DIA. 10) | |

## 8-4. CHASSIS SECTION



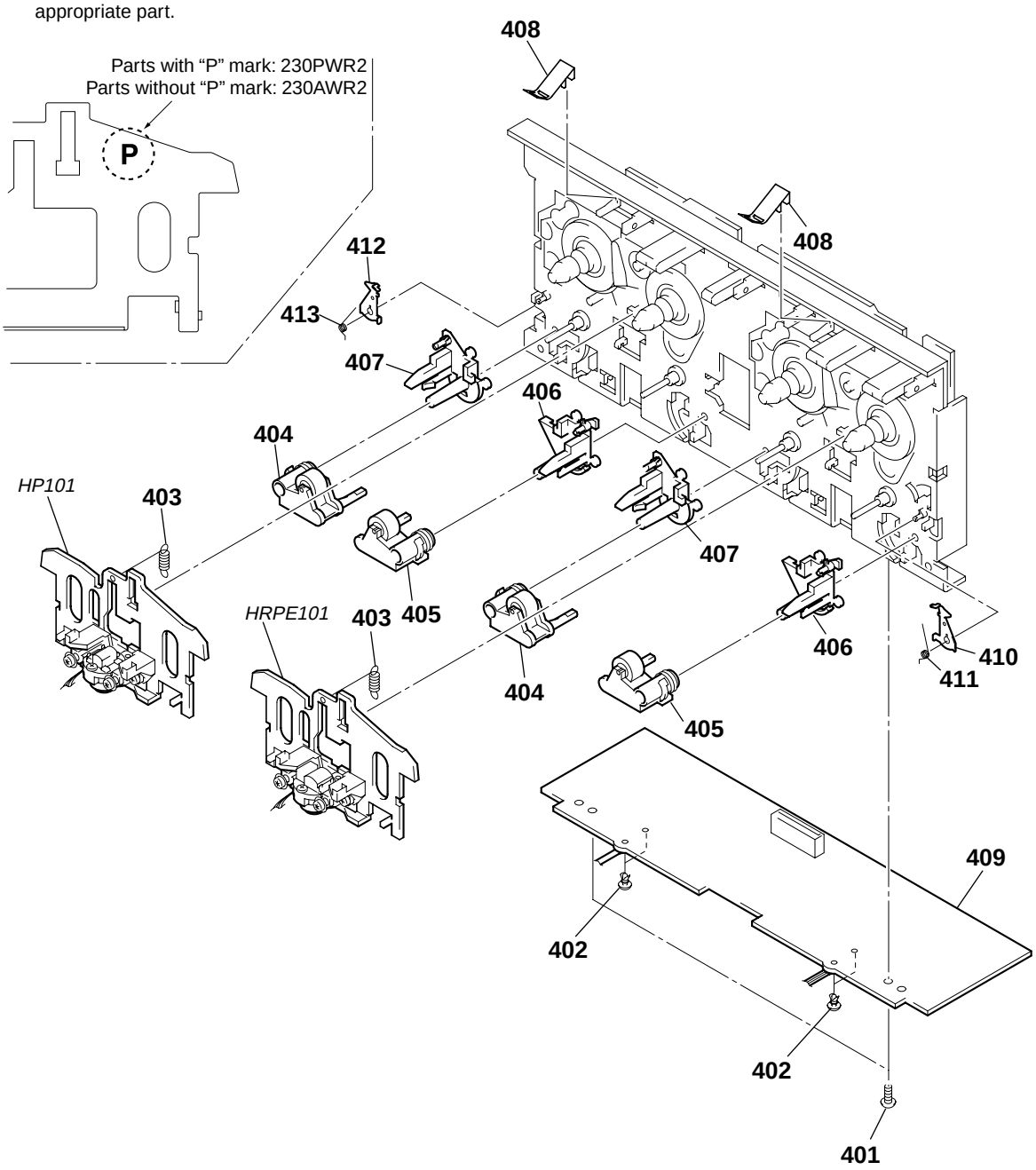

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety.
Replace only with part number specified.

| Ref. No. | Part No. | Description | Remark |
|---|---|---|---|
| * 151 | 1-673-110-11 | TRANS BOARD (DR7AV) | |
| * 151 | 1-672-431-11 | TRANS BOARD (XB800AV) | |
| 152 | 1-569-008-21 | ADAPTOR, CONVERSION 2P (SP,EA) | |
| 152 | 1-770-019-11 | ADAPTOR, CONVERSION PLUG 3P (UK,EE,CIS) | |
| 153 | 3-703-244-00 | BUSHING (FBS001), CORD | |
| * 154 | A-4417-477-A | PA BOARD, COMPLETE (XB800AV) | |
| * 154 | A-4417-479-A | PA BOARD, COMPLETE (DR7AV) | |
| * 155 | A-4417-468-A | MAIN BOARD, COMPLETE (DR7AV:XB800AV) | |
| * 155 | A-4417-470-A | MAIN BOARD, COMPLETE (SP,TH,AUS) | |
| * 155 | A-4419-301-A | MAIN BOARD, COMPLETE (EA) | |
| 156 | 1-790-287-11 | WIRE (FLAT TYPE) (19 CORE) | |
| 157 | X-4941-228-1 | FOOT (F22125H-M) | |

| Ref. No. | Part No. | Description | Remark |
|---|---|---|---|
| * 158 | 1-672-432-11 | SUB TRANS BOARD (XB800AV) | |
| * 159 | 4-988-533-01 | HOLDER, PWB | |
| 160 | 1-773-006-11 | WIRE (FLAT TYPE) (15 CORE) | |
| 161 | 1-773-056-11 | WIRE (FLAT TYPE) (17 CORE) | |
| * 162 | A-4417-501-A | SURRONUD AMP BOARD, COPLETE | |
| 163 | 4-875-327-31 | HEAT SINK | |
| ⚠CNP901 | 1-558-943-41 | CORD, POWER (TH) | |
| ⚠CNP901 | 1-575-651-21 | CORD, POWER (AEP,UK,EE,CIS,SP,EA) | |
| ⚠CNP901 | 1-696-845-11 | CORD, POWER (AUS) | |
| ⚠T901 | 1-433-619-11 | TRANSFORMER, POWER (XB800AV) | |
| ⚠T951 | 1-433-608-11 | TRANSFORMER, POWER (XB800AV) | |
| ⚠T951 | 1-433-609-11 | TRANSFORMER, POWER (DR7AV) | |

## 8-5. TC MECHANISM SECTION 1 (TCM230AWR2/230PWR2)

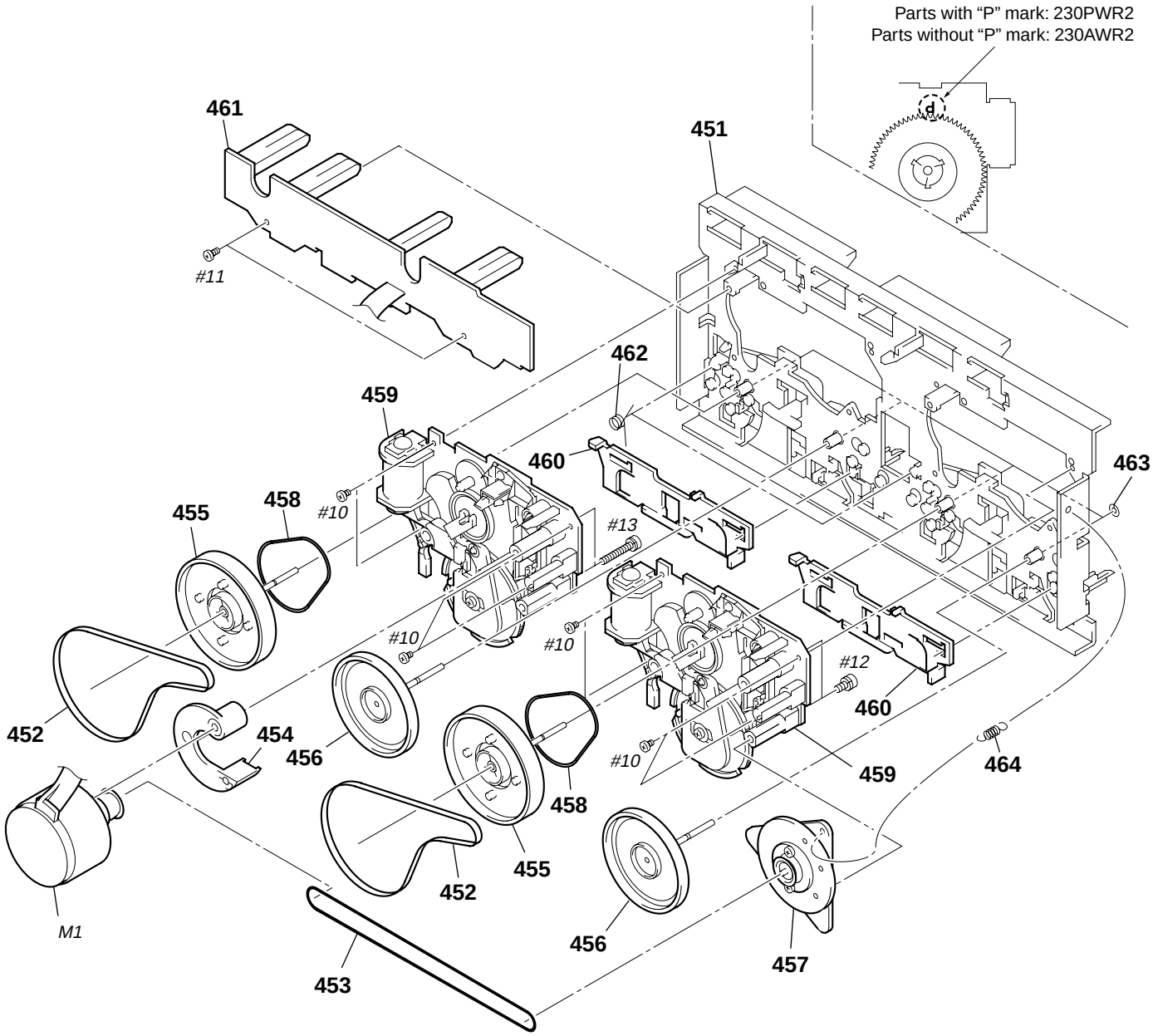
*NOTE: Two types of parts which are not interchangeable are available for the Head deck (A) ASSY and Head deck (B) ASSY. When replacing the parts, refer to the following figure, and use the appropriate part.




| Ref. No. | Part No. | Description | Remark |
|---|---|---|---|
| 401 | 3-376-464-11 | SCREW(+PTT 2.6X6),GROUND POINT | |
| 402 | 3-911-116-21 | RIVET, PUSH | |
| 403 | 3-016-574-01 | SPRING (HEAD), TENSION | |
| 404 | X-3374-156-1 | PINCH LEVER (REV) ASSY | |
| 405 | X-3374-155-1 | PINCH LEVER (FWD) ASSY | |
| 406 | 3-017-365-01 | BASE (PINCH LEVER FWD) | |
| 407 | 3-017-366-01 | BASE (PINCH LEVER REV) | |
| 408 | 3-026-892-01 | SPRING (CASSETTE), LEAF | |
| 409 | A-2007-799-A | AUDIO BOARD, COMPLETE | |
| 410 | 3-016-573-01 | LEVER (EJECT PREVENTION R) | |
| 411 | 3-032-810-02 | SPRING (R), TORSION | |
| 412 | 3-016-572-01 | LEVER (EJECT PREVENTION L) | |
| 413 | 3-032-809-02 | SPRING (L), TORSION | |
| HP101 | A-2056-681-B | DECK (A) ASSY, HEAD (230AWR2)(*NOTE) | |
| HP101 | A-2056-683-B | DECK (A) ASSY, HEAD (230PWR2)(*NOTE) | |
| HRPE101 | A-2056-682-B | DECK (B) ASSY, HEAD (230AWR2)(*NOTE) | |
| HRPE101 | A-2056-684-B | DECK (B) ASSY, HEAD (230PWR2)(*NOTE) | |

## 8-6. TC MECHANISM SECTION 2 (TCM230AWR2/230PWR2)

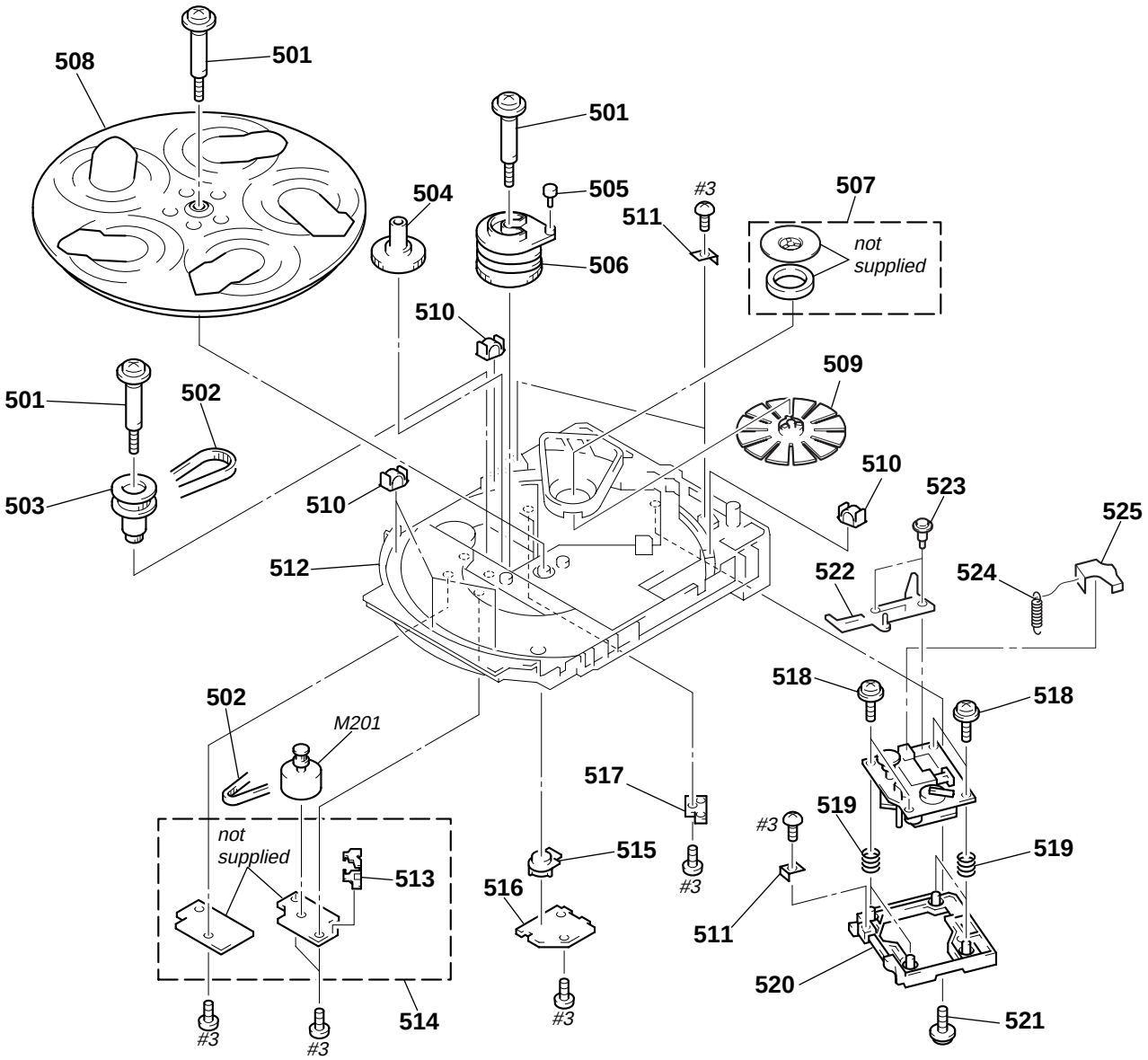
*NOTE: Two types of parts which are not interchangeable are available for the mechanical block assembly. When replacing the parts, refer to the following figure, and use the appropriate part.




| Ref. No. | Part No. | Description | Remark |
|---|---|---|---|
| 451 | X-3374-214-1 | CHASSIS ASSY, MAIN | |
| 452 | 3-016-570-01 | BELT (CAPSTAN) | |
| 453 | 3-016-569-01 | BELT (TENSION) | |
| * 454 | 3-016-568-01 | BRACKET (MOTOR) | |
| 455 | X-3374-075-5 | FLYWHEEL (FWD) ASSY | |
| 456 | X-3374-076-1 | FLYWHEEL (REV) ASSY | |
| 457 | X-3374-157-1 | PULLEY ASSY, TENSION | |
| 458 | 3-024-405-01 | BELT (FR2) | |
| 459 | A-2004-629-A | MECHANICAL BLOCK ASSY (230AWR2)(*NOTE) | |

| Ref. No. | Part No. | Description | Remark |
|---|---|---|---|
| 459 | A-2004-630-A | MECHANICAL BLOCK ASSY (230PWR2)(*NOTE) | |
| 460 | 3-016-566-01 | SLIDER, REVERSE | |
| 461 | A-2007-800-A | LEAF SW BOARD, COMPLETE | |
| 462 | 3-016-575-01 | SPRING, TORSION | |
| 463 | 3-019-208-01 | WASHER, STOPPER | |
| 464 | 3-027-453-01 | SPRING (GROUND), TENSION | |
| M1 | A-2004-628-A | MOTOR ASSY, CAPSTAN | |

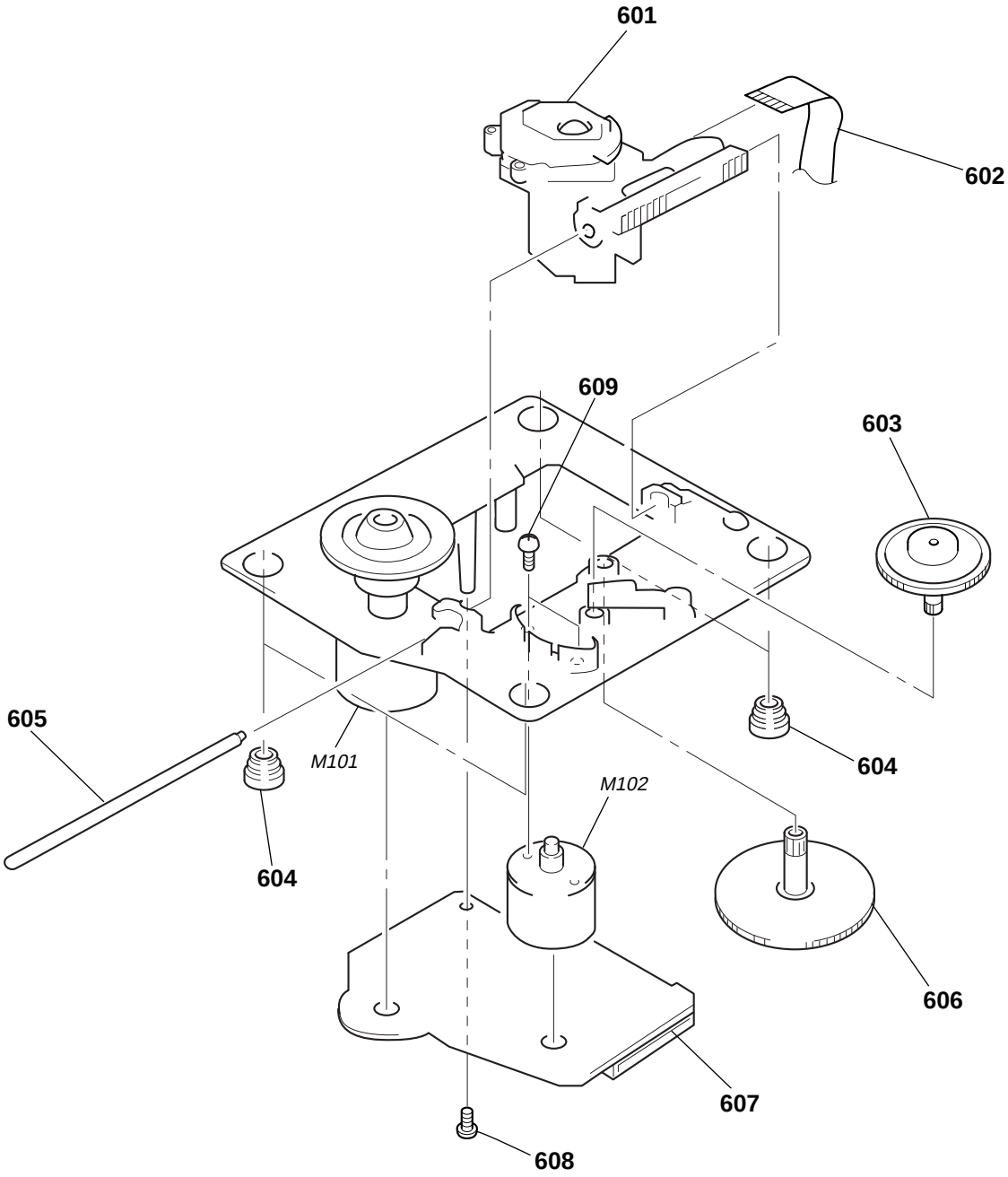
## 8-7. CD MECHANISM SECTION (CDM37M-5BD32L)




| Ref. No. | Part No. | Description | Remark |
|---|---|---|---|
| 501 | 4-987-976-01 | SCREW, STEP | |
| 502 | 4-944-490-01 | BELT (TIMING) | |
| 503 | A-4660-978-A | GEAR (PULLEY) ASSY | |
| 504 | 4-978-421-01 | GEAR (MID) | |
| 505 | 4-978-425-01 | ROLLER (CAM) | |
| 506 | 4-978-420-01 | CAM (HOLDER) | |
| 507 | 1-452-925-21 | MAGNET ASSY | |
| 508 | 4-978-417-01 | TABLE, DISC | |
| 509 | 4-993-142-11 | PULLEY (L), PRESS | |
| 510 | X-4947-960-1 | ROLLER ASSY | |
| * 511 | 4-978-583-01 | BRACKET (BU) | |
| * 512 | 4-978-418-01 | CHASSIS | |
| * 513 | 4-980-385-01 | HOLDER (SW) | |
| * 514 | A-4673-765-A | CD MOTOR BOARD, COMPLETE | |

| Ref. No. | Part No. | Description | Remark |
|---|---|---|---|
| 515 | 4-978-426-01 | INDICATOR (NO.) | |
| * 516 | 1-659-059-13 | LED (CD) BOARD | |
| * 517 | 1-659-058-13 | TABLE SENSOR BOARD | |
| 518 | 4-985-672-01 | SCREW (+PTPWHM2.6), FLOATING | |
| 519 | 4-958-593-01 | SPRING (BU), COMPRESSION | |
| * 520 | 4-978-419-01 | HOLDER (BU-5) | |
| 521 | 4-998-716-01 | SCREW, BU FITTING | |
| 522 | 4-989-493-01 | SLIDER (37) | |
| 523 | 4-989-494-01 | SCREW (SLIDER), STEP | |
| 524 | 4-989-819-02 | SPRING, TENSION | |
| 525 | 4-989-491-21 | COVER, LENS | |
| M201 | A-4660-977-A | MOTOR ASSY (TABLE) | |

## 8-8. BASE UNIT SECTION (BU-5BD32L)




The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety.
Replace only with part number specified.

| Ref. No. | Part No. | Description | Remark |
|---|---|---|---|
| ⚠601 | 8-820-020-02 | OPTICAL PICK-UP KSS-213D/Q-NP | |
| 602 | 1-769-069-11 | WIRE (FLAT TYPE) (16 CORE) | |
| 603 | 4-917-567-21 | GEAR (M) | |
| 604 | 4-951-940-01 | INSULATOR (BU) | |
| 605 | 4-917-565-01 | SHAFT, SLED | |
| 606 | 4-917-564-01 | GEAR (P), FLATNESS | |

| Ref. No. | Part No. | Description | Remark |
|---|---|---|---|
| * 607 | A-4724-488-A | BD BOARD, COMPLETE | |
| 608 | 4-951-620-01 | SCREW (2.6X8), +BVTP | |
| 609 | 3-713-786-51 | SCREW +P 2X3 | |
| M101 | X-4917-523-3 | MOTOR ASSY (SPINDLE) | |
| M102 | X-4917-504-1 | MOTOR ASSY (SLED) | |

# SECTION 9
# ELECTRICAL PARTS LIST

**AUDIO**

Note:

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety.
Replace only with part number specified.

When indicating parts by reference number, please include the board name.

- Due to standardization, replacements in the parts list may be different from the parts specified in the diagrams or the components used on the set.
- -XX, -X mean standardized parts, so they may have some difference from the original one.
- Items marked "*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- RESISTORS
  All resistors are in ohms
  METAL: Metal-film resistor
  METAL OXIDE: Metal Oxide-film resistor
  F : nonflammable
- SEMICONDUCTORS
  In each case, u: µ , for example:
  uA...: µ A..., uPA...: µ PA..., uPB...: µ PB..., uPC...: µ PC..., uPD...: µ PD...
- CAPACITORS
  uF : µ F
- COILS
  uH : µ H
- Abbreviation
  EE : East European model
  EA : Saudi Arabia model
  SP : Singapore model
  AUS : Australian model
  TH : Thailand model

| Ref. No. | Part No. | Description | | | Remark |
|---|---|---|---|---|---|
| | A-2007-799-A | AUDIO BOARD, COMPLETE | | | |
| | | ********** | | | |
| | | < CAPACITOR > | | | |
| C301 | 1-162-289-31 | CERAMIC | 390PF | 10% | 50V |
| C302 | 1-126-968-11 | ELECT | 100uF | 20% | 6.3V |
| C303 | 1-162-282-31 | CERAMIC | 100PF | 10% | 50V |
| C304 | 1-130-483-00 | MYLAR | 0.01uF | 5% | 50V |
| C305 | 1-107-715-11 | ELECT | 22uF | 20% | 16V |
| C311 | 1-162-289-31 | CERAMIC | 390PF | 10% | 50V |
| C313 | 1-162-282-31 | CERAMIC | 100PF | 10% | 50V |
| C314 | 1-130-487-00 | MYLAR | 0.022uF | 5% | 50V |
| C315 | 1-126-233-11 | ELECT | 22uF | 20% | 50V |
| C331 | 1-137-427-11 | FILM | 120PF | 5% | 50V |
| C332 | 1-162-288-31 | CERAMIC | 330PF | 10% | 50V |
| C333 | 1-162-209-31 | CERAMIC | 27PF | 5% | 50V |
| C401 | 1-162-289-31 | CERAMIC | 390PF | 10% | 50V |
| C402 | 1-126-968-11 | ELECT | 100uF | 20% | 6.3V |
| C403 | 1-162-282-31 | CERAMIC | 100PF | 10% | 50V |
| C404 | 1-130-483-00 | MYLAR | 0.01uF | 5% | 50V |
| C405 | 1-107-715-11 | ELECT | 22uF | 20% | 16V |
| C411 | 1-162-289-31 | CERAMIC | 390PF | 10% | 50V |
| C413 | 1-162-282-31 | CERAMIC | 100PF | 10% | 50V |
| C414 | 1-130-487-00 | MYLAR | 0.022uF | 5% | 50V |
| C415 | 1-126-233-11 | ELECT | 22uF | 20% | 50V |
| C431 | 1-137-427-11 | FILM | 120PF | 5% | 50V |
| C432 | 1-162-288-31 | CERAMIC | 330PF | 10% | 50V |
| C433 | 1-162-209-31 | CERAMIC | 27PF | 5% | 50V |
| C601 | 1-104-396-11 | ELECT | 10uF | 20% | 16V |
| C602 | 1-104-396-11 | ELECT | 10uF | 20% | 16V |
| C611 | 1-104-396-11 | ELECT | 10uF | 20% | 16V |
| C612 | 1-104-396-11 | ELECT | 10uF | 20% | 16V |
| C621 | 1-137-150-11 | FILM | 0.01uF | 5% | 100V |
| C622 | 1-126-961-11 | ELECT | 2.2uF | 20% | 50V |
| C623 | 1-136-155-00 | FILM | 0.015uF | 5% | 50V |
| C624 | 1-130-481-00 | MYLAR | 0.0068uF | 5% | 50V |
| C625 | 1-130-481-00 | MYLAR | 0.0068uF | 5% | 50V |
| C627 | 1-124-903-11 | ELECT | 1uF | 20% | 50V |
| C628 | 1-136-153-00 | FILM | 0.01uF | 5% | 50V |
| C642 | 1-104-664-11 | ELECT | 47uF | 20% | 16V |
| | | < CONNECTOR > | | | |
| CN601 | 1-695-338-11 | PIN, CONNECTOR (PC BOARD) 15P | | | |
| | | < IC > | | | |
| IC601 | 8-759-111-44 | IC UPC4570C-1 | | | |
| IC602 | 8-759-143-54 | IC UPC1330HA | | | |
| IC611 | 8-759-111-44 | IC UPC4570C-1 | | | |
| | | < COIL > | | | |
| L331 | 1-410-780-11 | INDUCTOR | 27mH | | |
| L431 | 1-410-780-11 | INDUCTOR | 27mH | | |
| L601 | 1-414-193-41 | INDUCTOR | 220uH | | |
| L602 | 1-414-193-41 | INDUCTOR | 220uH | | |
| | | < TRANSISTOR > | | | |
| Q621 | 8-729-142-46 | TRANSISTOR | 2SC2001-LK | | |
| Q622 | 8-729-142-46 | TRANSISTOR | 2SC2001-LK | | |
| Q623 | 8-729-801-93 | TRANSISTOR | 2SD1387 | | |
| | | < RESISTOR > | | | |
| R301 | 1-247-881-00 | CARBON | 120K | 5% | 1/4W |
| R302 | 1-247-815-91 | CARBON | 220 | 5% | 1/4W |
| R303 | 1-247-863-91 | CARBON | 22K | 5% | 1/4W |
| R304 | 1-247-889-00 | CARBON | 270K | 5% | 1/4W |
| R305 | 1-247-858-11 | CARBON | 13K | 5% | 1/4W |
| R311 | 1-247-881-00 | CARBON | 120K | 5% | 1/4W |
| R312 | 1-247-807-31 | CARBON | 100 | 5% | 1/4W |
| R314 | 1-247-882-11 | CARBON | 130K | 5% | 1/4W |
| R315 | 1-247-850-11 | CARBON | 6.2K | 5% | 1/4W |
| R331 | 1-249-430-11 | CARBON | 12K | 5% | 1/4W |
| R401 | 1-247-881-00 | CARBON | 120K | 5% | 1/4W |
| R402 | 1-247-815-91 | CARBON | 220 | 5% | 1/4W |
| R403 | 1-247-863-91 | CARBON | 22K | 5% | 1/4W |
| R404 | 1-247-889-00 | CARBON | 270K | 5% | 1/4W |
| R405 | 1-247-858-11 | CARBON | 13K | 5% | 1/4W |
| R411 | 1-247-881-00 | CARBON | 120K | 5% | 1/4W |
| R412 | 1-247-807-31 | CARBON | 100 | 5% | 1/4W |
| R414 | 1-247-882-11 | CARBON | 130K | 5% | 1/4W |
| R415 | 1-247-850-11 | CARBON | 6.2K | 5% | 1/4W |
| R431 | 1-249-430-11 | CARBON | 12K | 5% | 1/4W |
| R601 | 1-247-815-91 | CARBON | 220 | 5% | 1/4W |
| R602 | 1-247-815-91 | CARBON | 220 | 5% | 1/4W |
| R608 | 1-247-815-91 | CARBON | 220 | 5% | 1/4W |
| R609 | 1-247-863-91 | CARBON | 22K | 5% | 1/4W |
| R611 | 1-247-815-91 | CARBON | 220 | 5% | 1/4W |
| R612 | 1-247-815-91 | CARBON | 220 | 5% | 1/4W |
| ⚠R621 | 1-212-851-00 | FUSIBLE | 5.6 | 5% | 1/4W F |
| ⚠R622 | 1-212-851-00 | FUSIBLE | 5.6 | 5% | 1/4W F |
| R623 | 1-249-432-11 | CARBON | 18K | 5% | 1/4W |
| R624 | 1-249-432-11 | CARBON | 18K | 5% | 1/4W |
| R625 | 1-249-429-11 | CARBON | 10K | 5% | 1/4W |

# AUDIO BD

| Ref. No. | Part No. | Description | | | Remark |
|---|---|---|---|---|---|
| | | < VARIABLE RESISTOR > | | | |
| RV301 | 1-238-598-11 | RES, ADJ, CARBON 2.2K | | | |
| RV311 | 1-238-598-11 | RES, ADJ, CARBON 2.2K | | | |
| RV341 | 1-241-768-11 | RES, ADJ, CARBON 220K | | | |
| RV401 | 1-238-598-11 | RES, ADJ, CARBON 2.2K | | | |
| RV411 | 1-238-598-11 | RES, ADJ, CARBON 2.2K | | | |
| RV441 | 1-241-768-11 | RES, ADJ, CARBON 220K | | | |
| | | < TRANSFORMER > | | | |
| T621 | 1-423-980-11 | TRANSFORMER, BIAS OSCILLATION | | | |
| ********** | | | | | |
| * | A-4724-488-A | BD BOARD, COMPLETE | | | |
| | | ********** | | | |
| | | < CAPACITOR > | | | |
| C101 | 1-163-005-11 | CERAMIC CHIP | 470PF | 10% | 50V |
| C102 | 1-164-004-11 | CERAMIC CHIP | 0.1uF | 10% | 25V |
| C103 | 1-163-005-11 | CERAMIC CHIP | 470PF | 10% | 50V |
| C104 | 1-163-009-11 | CERAMIC CHIP | 0.001uF | 10% | 50V |
| C108 | 1-164-004-11 | CERAMIC CHIP | 0.1uF | 10% | 25V |
| C109 | 1-163-011-11 | CERAMIC CHIP | 0.0015uF | 10% | 50V |
| C110 | 1-164-182-11 | CERAMIC CHIP | 0.0033uF | 10% | 50V |
| C111 | 1-163-251-11 | CERAMIC CHIP | 100PF | 5% | 50V |
| C112 | 1-163-038-91 | CERAMIC CHIP | 0.1uF | | 25V |
| C113 | 1-163-038-91 | CERAMIC CHIP | 0.1uF | | 25V |
| C114 | 1-163-038-91 | CERAMIC CHIP | 0.1uF | | 25V |
| C115 | 1-126-607-11 | ELECT CHIP | 47uF | 20% | 4V |
| C116 | 1-126-607-11 | ELECT CHIP | 47uF | 20% | 4V |
| C117 | 1-126-209-11 | ELECT CHIP | 100uF | 20% | 4V |
| C118 | 1-163-009-11 | CERAMIC CHIP | 0.001uF | 10% | 50V |
| C119 | 1-163-235-11 | CERAMIC CHIP | 22PF | 5% | 50V |
| C121 | 1-163-038-91 | CERAMIC CHIP | 0.1uF | | 25V |
| C122 | 1-126-206-11 | ELECT CHIP | 100uF | 20% | 6.3V |
| C123 | 1-163-021-91 | CERAMIC CHIP | 0.01uF | 10% | 50V |
| C124 | 1-107-823-11 | CERAMIC CHIP | 0.47uF | 10% | 16V |
| C125 | 1-163-038-91 | CERAMIC CHIP | 0.1uF | | 25V |
| C126 | 1-163-038-91 | CERAMIC CHIP | 0.1uF | | 25V |
| C127 | 1-128-065-11 | ELECT CHIP | 68uF | 20% | 10V |
| C128 | 1-163-038-91 | CERAMIC CHIP | 0.1uF | | 25V |
| C129 | 1-163-031-11 | CERAMIC CHIP | 0.01uF | | 50V |
| C130 | 1-164-346-11 | CERAMIC CHIP | 1uF | | 16V |
| C131 | 1-124-779-00 | ELECT CHIP | 10uF | 20% | 16V |
| C133 | 1-164-346-11 | CERAMIC CHIP | 1uF | | 16V |
| C140 | 1-164-346-11 | CERAMIC CHIP | 1uF | | 16V |
| C141 | 1-164-346-11 | CERAMIC CHIP | 1uF | | 16V |
| C143 | 1-163-038-91 | CERAMIC CHIP | 0.1uF | | 25V |
| C151 | 1-163-235-11 | CERAMIC CHIP | 22PF | 5% | 50V |
| C153 | 1-163-038-91 | CERAMIC CHIP | 0.1uF | | 25V |
| C154 | 1-110-501-11 | CERAMIC CHIP | 0.33uF | 10% | 16V |
| C156 | 1-163-235-11 | CERAMIC CHIP | 22PF | 5% | 50V |
| C157 | 1-163-009-11 | CERAMIC CHIP | 0.001uF | 10% | 50V |
| C159 | 1-163-019-00 | CERAMIC CHIP | 0.0068uF | 10% | 50V |
| C161 | 1-126-206-11 | ELECT CHIP | 100uF | 20% | 6.3V |
| C162 | 1-126-205-11 | ELECT CHIP | 47uF | 20% | 6.3V |
| C163 | 1-126-206-11 | ELECT CHIP | 100uF | 20% | 6.3V |

| Ref. No. | Part No. | Description | | | Remark |
|---|---|---|---|---|---|
| C165 | 1-163-038-91 | CERAMIC CHIP | 0.1uF | | 25V |
| C167 | 1-163-235-11 | CERAMIC CHIP | 22PF | 5% | 50V |
| C168 | 1-163-235-11 | CERAMIC CHIP | 22PF | 5% | 50V |
| C171 | 1-163-009-11 | CERAMIC CHIP | 0.001uF | 10% | 50V |
| C172 | 1-163-123-00 | CERAMIC CHIP | 180PF | 5% | 50V |
| C181 | 1-163-009-11 | CERAMIC CHIP | 0.001uF | 10% | 50V |
| C182 | 1-163-123-00 | CERAMIC CHIP | 180PF | 5% | 50V |
| | | < CONNECTOR > | | | |
| CN101 | 1-778-874-11 | CONNECTOR,FFC(LIF(NON-ZIF))19P | | | |
| CN102 | 1-777-937-11 | CONNECTOR, FFC/FPC 16P | | | |
| | | < FERRITE BEAD > | | | |
| FB101 | 1-500-445-21 | FERRITE | 0UH | | |
| FB103 | 1-500-445-21 | FERRITE | 0UH | | |
| | | < IC > | | | |
| IC101 | 8-752-386-85 | IC CXD2587Q | | | |
| IC102 | 8-759-549-28 | IC BA5974FP-E2 | | | |
| IC103 | 8-752-085-51 | IC CXA2568M-T6 | | | |
| | | < TRANSISTOR > | | | |
| Q101 | 8-729-010-08 | TRANSISTOR MSB710-R | | | |
| | | < RESISTOR > | | | |
| R101 | 1-216-077-00 | METAL CHIP | 15K | 5% | 1/10W |
| R102 | 1-216-097-91 | RES,CHIP | 100K | 5% | 1/10W |
| R103 | 1-216-077-00 | METAL CHIP | 15K | 5% | 1/10W |
| R104 | 1-216-085-00 | METAL CHIP | 33K | 5% | 1/10W |
| R105 | 1-216-073-00 | METAL CHIP | 10K | 5% | 1/10W |
| R106 | 1-216-049-91 | RES,CHIP | 1K | 5% | 1/10W |
| R107 | 1-216-073-00 | METAL CHIP | 10K | 5% | 1/10W |
| R108 | 1-216-061-00 | METAL CHIP | 3.3K | 5% | 1/10W |
| R109 | 1-216-121-91 | RES,CHIP | 1M | 5% | 1/10W |
| R110 | 1-216-025-91 | RES,CHIP | 100 | 5% | 1/10W |
| R111 | 1-216-121-91 | RES,CHIP | 1M | 5% | 1/10W |
| R113 | 1-216-121-91 | RES,CHIP | 1M | 5% | 1/10W |
| R114 | 1-216-073-00 | METAL CHIP | 10K | 5% | 1/10W |
| R116 | 1-216-001-00 | METAL CHIP | 10 | 5% | 1/10W |
| R117 | 1-216-049-91 | RES,CHIP | 1K | 5% | 1/10W |
| R119 | 1-216-041-00 | METAL CHIP | 470 | 5% | 1/10W |
| R123 | 1-216-073-00 | METAL CHIP | 10K | 5% | 1/10W |
| R124 | 1-216-097-91 | RES,CHIP | 100K | 5% | 1/10W |
| R131 | 1-216-033-00 | METAL CHIP | 220 | 5% | 1/10W |
| R143 | 1-216-103-00 | METAL CHIP | 180K | 5% | 1/10W |
| R144 | 1-216-103-00 | METAL CHIP | 180K | 5% | 1/10W |
| R147 | 1-216-069-00 | METAL CHIP | 6.8K | 5% | 1/10W |
| R148 | 1-216-001-00 | METAL CHIP | 10 | 5% | 1/10W |
| R149 | 1-216-001-00 | METAL CHIP | 10 | 5% | 1/10W |
| R158 | 1-216-111-00 | METAL CHIP | 390K | 5% | 1/10W |
| R159 | 1-216-101-00 | METAL CHIP | 150K | 5% | 1/10W |
| R161 | 1-216-308-00 | METAL CHIP | 4.7 | 5% | 1/10W |
| R162 | 1-216-101-00 | METAL CHIP | 150K | 5% | 1/10W |
| R171 | 1-216-078-00 | RES,CHIP | 16K | 5% | 1/10W |
| R172 | 1-216-073-00 | METAL CHIP | 10K | 5% | 1/10W |
| R173 | 1-216-077-00 | METAL CHIP | 15K | 5% | 1/10W |

| Ref. No. | Part No. | Description | | | Remark |
|---|---|---|---|---|---|
| R181 | 1-216-078-00 | RES,CHIP | 16K | 5% | 1/10W |
| R182 | 1-216-073-00 | METAL CHIP | 10K | 5% | 1/10W |
| R183 | 1-216-077-00 | METAL CHIP | 15K | 5% | 1/10W |
| | | < NETWORK > | | | |
| RN101 | 1-233-576-11 | RES, CHIP NETWORK 100 | | | |
| RN102 | 1-233-576-11 | RES, CHIP NETWORK 100 | | | |
| | | < SWITCH > | | | |
| S101 | 1-572-085-11 | SWITCH, LEAF (LIMIT SW) | | | |
| | | < VIBRATOR > | | | |
| X101 | 1-767-408-21 | VIBRATOR, CRYSTAL (16.9344MHz) | | | |
| ********** | | | | | |
| * | 1-672-186-11 | CD-L BOARD<br>********** | | | |
| | | < CONNECTOR > | | | |
| CN812 | 1-785-332-11 | PIN, CONNECTOR (LIGHT ANGLE)6P | | | |
| | | < DIODE > | | | |
| D641 | 8-719-058-04 | DIODE SEL5223S-TP15 (NON-STOP) | | | |
| | | < RESISTOR > | | | |
| R731 | 1-249-410-11 | CARBON | 270 | 5% | 1/4W F |
| R732 | 1-249-411-11 | CARBON | 330 | 5% | 1/4W |
| R733 | 1-249-413-11 | CARBON | 470 | 5% | 1/4W F |
| R734 | 1-249-414-11 | CARBON | 560 | 5% | 1/4W F |
| R735 | 1-249-415-11 | CARBON | 680 | 5% | 1/4W F |
| R736 | 1-249-417-11 | CARBON | 1K | 5% | 1/4W F |
| R742 | 1-249-427-11 | CARBON | 6.8K | 5% | 1/4W F |
| R743 | 1-249-429-11 | CARBON | 10K | 5% | 1/4W |
| R744 | 1-249-431-11 | CARBON | 15K | 5% | 1/4W |
| R745 | 1-249-407-11 | CARBON | 150 | 5% | 1/4W F |
| | | < SWITCH > | | | |
| S661 | 1-554-303-21 | SWITCH, TACTILE (DISC 1) | | | |
| S662 | 1-554-303-21 | SWITCH, TACTILE (DISC 2) | | | |
| S663 | 1-554-303-21 | SWITCH, TACTILE (DISC 3) | | | |
| S664 | 1-554-303-21 | SWITCH, TACTILE (DISC 4) | | | |
| S665 | 1-554-303-21 | SWITCH, TACTILE (DISC 5) | | | |
| S666 | 1-554-303-21 | SWITCH, TACTILE (FLASH) | | | |
| S672 | 1-554-303-21 | SWITCH, TACTILE (EDIT) | | | |
| S673 | 1-554-303-21 | SWITCH, TACTILE (NON-STOP) | | | |
| S674 | 1-554-303-21 | SWITCH, TACTILE (LOOP) | | | |
| S702 | 1-473-534-11 | ENCODER, ROTARY (I◀◀ AMS ▶▶I) | | | |
| ********** | | | | | |
| * | A-4673-765-A | CD MOTOR BOARD, COMPLETE<br>********** | | | |
| * | 4-980-385-01 | HOLDER (SW) | | | |
| | | < CAPACITOR > | | | |
| C201 | 1-124-907-11 | ELECT | 10uF | 20% | 50V |
| C202 | 1-164-159-21 | CERAMIC | 0.1uF | | 50V |
| C203 | 1-124-907-11 | ELECT | 10uF | 20% | 50V |
| | | < CONNECTOR > | | | |
| * CN201 | 1-568-947-11 | PIN, CONNECTOR 9P | | | |
| | | < IC > | | | |
| IC201 | 8-759-365-94 | IC TA8409S | | | |
| | | < COIL > | | | |
| L201 | 1-408-117-00 | INDUCTOR | 10uH | | |
| | | < RESISTOR > | | | |
| R205 | 1-249-427-11 | CARBON | 6.8K | 5% | 1/4W F |
| R206 | 1-249-425-11 | CARBON | 4.7K | 5% | 1/4W F |
| | | < SWITCH > | | | |
| S201 | 1-762-587-11 | SWITCH, PUSH (1 KEY)(UP SWITCH) | | | |
| ********** | | | | | |
| * | 1-672-187-11 | CD-R BOARD<br>********** | | | |
| | | < CAPACITOR > | | | |
| C613 | 1-162-306-11 | CERAMIC | 0.01uF | 20% | 16V |
| C614 | 1-162-306-11 | CERAMIC | 0.01uF | 20% | 16V |
| | | < CONNECTOR > | | | |
| CN703 | 1-785-333-11 | PIN, CONNECTOR (LIGHT ANGLE)7P | | | |
| | | < DIODE > | | | |
| D700 | 8-719-056-13 | DIODE SML79423C-TP15 (▷II) | | | |
| | | < RESISTOR > | | | |
| R751 | 1-247-843-11 | CARBON | 3.3K | 5% | 1/4W |
| R752 | 1-249-425-11 | CARBON | 4.7K | 5% | 1/4W F |
| R753 | 1-249-427-11 | CARBON | 6.8K | 5% | 1/4W F |
| R754 | 1-249-429-11 | CARBON | 10K | 5% | 1/4W |
| R755 | 1-249-431-11 | CARBON | 15K | 5% | 1/4W |
| R756 | 1-249-434-11 | CARBON | 27K | 5% | 1/4W |
| R757 | 1-249-438-11 | CARBON | 56K | 5% | 1/4W |
| R758 | 1-247-804-11 | CARBON | 75 | 5% | 1/4W |
| R759 | 1-247-804-11 | CARBON | 75 | 5% | 1/4W |
| | | < SWITCH > | | | |
| S676 | 1-554-303-21 | SWITCH, TACTILE (PLAY MODE) | | | |
| S677 | 1-554-303-21 | SWITCH, TACTILE (REPEAT) | | | |
| S678 | 1-554-303-21 | SWITCH, TACTILE (◁◁) | | | |
| S679 | 1-554-303-21 | SWITCH, TACTILE (▷▷) | | | |
| S681 | 1-554-303-21 | SWITCH, TACTILE (▷II) | | | |
| S682 | 1-554-303-21 | SWITCH, TACTILE (□) | | | |
| S683 | 1-554-303-21 | SWITCH, TACTILE (DISC SKIP) | | | |
| ********** | | | | | |

# DOOR SWITCH | FRONT INPUT | JACK | LEAF SW

| Ref. No. | Part No. | Description | | | Remark |
|---|---|---|---|---|---|
| * | 1-672-191-11 | DOOR SWITCH BOARD | | | |
| | | ********** | | | |
| | | < CAPACITOR > | | | |
| C691 | 1-162-306-11 | CERAMIC | 0.01uF | 20% | 16V |
| | | < SWITCH > | | | |
| S691 | 1-771-057-11 | SWITCH, PUSH (1 KEY)(⏏ OPEN) | | | |
| ********** | | | | | |
| * | 1-672-190-11 | FRONT INPUT BOARD | | | |
| | | ********** | | | |
| | | < CAPACITOR > | | | |
| C801 | 1-162-294-31 | CERAMIC | 0.001uF | 10% | 50V |
| C802 | 1-162-294-31 | CERAMIC | 0.001uF | 10% | 50V |
| C811 | 1-162-282-31 | CERAMIC | 100PF | 10% | 50V |
| C812 | 1-164-159-21 | CERAMIC | 0.1uF | | 50V |
| C813 | 1-126-960-11 | ELECT | 1uF | 20% | 50V |
| | | < FLUORESCENT INDICATOR > | | | |
| FL803 | 1-424-228-11 | FILTER, NOISE | | | |
| | | < JACK > | | | |
| J804 | 1-764-592-41 | JACK 3P (AUDIO L/R, VIDEO) | | | |
| | | < RESISTOR > | | | |
| R801 | 1-249-417-11 | CARBON | 1K | 5% | 1/4W F |
| R802 | 1-249-437-11 | CARBON | 47K | 5% | 1/4W |
| R803 | 1-249-417-11 | CARBON | 1K | 5% | 1/4W F |
| R804 | 1-249-437-11 | CARBON | 47K | 5% | 1/4W |
| R805 | 1-247-804-11 | CARBON | 75 | 5% | 1/4W |
| ********** | | | | | |
| * | A-4417-530-A | JACK BOARD, COMPLETE | | | |
| | | ********** | | | |
| | | < CAPACITOR > | | | |
| C804 | 1-162-306-11 | CERAMIC | 0.01uF | 20% | 16V |
| C805 | 1-126-961-11 | ELECT | 2.2uF | 20% | 50V |
| C807 | 1-162-294-31 | CERAMIC | 0.001uF | 10% | 50V |
| C808 | 1-162-294-31 | CERAMIC | 0.001uF | 10% | 50V |
| C809 | 1-164-159-21 | CERAMIC | 0.1uF | | 50V |
| C810 | 1-164-159-21 | CERAMIC | 0.1uF | | 50V |
| C856 | 1-162-294-31 | CERAMIC | 0.001uF | 10% | 50V |
| C857 | 1-162-215-31 | CERAMIC | 47PF | 5% | 50V |
| C858 | 1-126-964-11 | ELECT | 10uF | 20% | 50V |
| C859 | 1-126-961-11 | ELECT | 2.2uF | 20% | 50V |
| C860 | 1-162-215-31 | CERAMIC | 47PF | 5% | 50V |
| C861 | 1-162-282-31 | CERAMIC | 100PF | 10% | 50V |
| C862 | 1-126-961-11 | ELECT | 2.2uF | 20% | 50V |
| C863 | 1-126-960-11 | ELECT | 1uF | 20% | 50V |
| C864 | 1-126-964-11 | ELECT | 10uF | 20% | 50V |
| C882 | 1-162-290-31 | CERAMIC | 470PF | 10% | 50V |
| C883 | 1-162-306-11 | CERAMIC | 0.01uF | 20% | 16V |

| Ref. No. | Part No. | Description | | | Remark |
|---|---|---|---|---|---|
| | | < CONNECTOR > | | | |
| CN802 | 1-785-316-11 | PIN, CONNECTOR (STRAIGHT) 4P | | | |
| | | < GROUND TERMINAL > | | | |
| * EPT802 | 1-537-738-21 | TERMINAL, EARTH | | | |
| | | < FLUORESCENT INDICATOR > | | | |
| FL801 | 1-424-228-11 | FILTER, NOISE | | | |
| FL802 | 1-424-228-11 | FILTER, NOISE | | | |
| | | < IC > | | | |
| IC850 | 8-759-634-50 | IC M5218AL | | | |
| | | < JACK > | | | |
| J801 | 1-770-226-11 | JACK (LARGE TYPE)(MIX MIC) | | | |
| J803 | 1-770-226-11 | JACK (LARGE TYPE)(PHONES) | | | |
| | | < RESISTOR > | | | |
| R807 | 1-249-429-11 | CARBON | 10K | 5% | 1/4W |
| R809 | 1-249-417-11 | CARBON | 1K | 5% | 1/4W F |
| R810 | 1-247-807-31 | CARBON | 100 | 5% | 1/4W |
| R850 | 1-247-807-31 | CARBON | 100 | 5% | 1/4W |
| R852 | 1-249-441-11 | CARBON | 100K | 5% | 1/4W |
| R853 | 1-249-417-11 | CARBON | 1K | 5% | 1/4W F |
| R854 | 1-247-863-91 | CARBON | 22K | 5% | 1/4W |
| R855 | 1-249-429-11 | CARBON | 10K | 5% | 1/4W |
| R856 | 1-247-885-00 | CARBON | 180K | 5% | 1/4W |
| R857 | 1-247-807-31 | CARBON | 100 | 5% | 1/4W |
| | | < VARIABLE RESISTOR > | | | |
| RV850 | 1-225-587-11 | RES, VAR, CARBON 50K | | | |
| ********** | | | | | |
| | A-2007-800-A | LEAF SW BOARD, COMPLETE | | | |
| | | ********** | | | |
| | | < CAPACITOR > | | | |
| C1001 | 1-107-716-11 | ELECT | 33uF | 20% | 10V |
| | | < CONNECTOR > | | | |
| CN1001 | 1-784-459-11 | CONNECTOR, FFC/FPC 17P | | | |
| | | < DIODE > | | | |
| D1001 | 8-719-991-33 | DIODE 1SS133T-77 | | | |
| D1002 | 8-719-991-33 | DIODE 1SS133T-77 | | | |
| | | < CABLE HOLDER > | | | |
| * DM1001 | 1-784-581-11 | HOLDER, CABLE (2.5MM PITCH) 4P | | | |
| | | < IC > | | | |
| IC1001 | 8-749-014-38 | IC PHOTO INTERRUPTER SG-264 | | | |
| IC1002 | 8-749-014-38 | IC PHOTO INTERRUPTER SG-264 | | | |

| Ref. No. | Part No. | Description | | | Remark |
|---|---|---|---|---|---|
| | | < TRANSISTOR > | | | |
| Q1001 | 8-729-029-56 | TRANSISTOR DTA144ESA | | | |
| | | < RESISTOR > | | | |
| R907 | 1-249-441-11 | CARBON | 100K | 5% | 1/4W |
| R1001 | 1-247-815-91 | CARBON | 220 | 5% | 1/4W |
| R1002 | 1-247-815-91 | CARBON | 220 | 5% | 1/4W |
| R1003 | 1-249-414-11 | CARBON | 560 | 5% | 1/4W F |
| R1004 | 1-247-834-11 | CARBON | 1.3K | 5% | 1/4W |
| R1005 | 1-247-818-91 | CARBON | 300 | 5% | 1/4W |
| R1006 | 1-247-864-11 | CARBON | 24K | 5% | 1/4W |
| R1007 | 1-247-856-00 | CARBON | 11K | 5% | 1/4W |
| R1008 | 1-249-417-11 | CARBON | 1K | 5% | 1/4W F |
| | | < VARIABLE RESISTOR > | | | |
| RV1001 | 1-241-785-11 | RES, ADJ, CARBON 10K (TAPE SPEED (NORMAL)) | | | |
| RV1002 | 1-241-785-11 | RES, ADJ, CARBON 10K (TAPE SPEED (HIGH)) | | | |
| | | < SWITCH > | | | |
| S1001 | 1-570-953-11 | SWITCH, PUSH (1 KEY) | | | |
| S1002 | 1-570-953-11 | SWITCH, PUSH (1 KEY) | | | |
| S1003 | 1-771-333-11 | SWITCH, LEAF (A PLAY) | | | |
| S1004 | 1-771-205-11 | SWITCH, LEAF (B PLAY) | | | |
| S1005 | 1-771-205-11 | SWITCH, LEAF (A 120/70) | | | |
| S1006 | 1-771-333-11 | SWITCH, LEAF (REC A) | | | |
| S1008 | 1-771-205-11 | SWITCH, LEAF (REC B) | | | |
| S1009 | 1-771-205-11 | SWITCH, LEAF (B 120/70) | | | |
| ********** | | | | | |
| * | 1-659-059-13 | LED (CD) BOARD | | | |
| | | ********** | | | |
| | | < DIODE > | | | |
| D201 | 8-719-032-98 | DIODE SEL5820A (DISC NO.) | | | |
| | | < TRANSISTOR > | | | |
| Q201 | 8-729-119-78 | TRANSISTOR 2SC403SP-51 | | | |
| | | < RESISTOR > | | | |
| R201 | 1-247-863-91 | CARBON | 22K | 5% | 1/4W |
| R202 | 1-249-411-11 | CARBON | 330 | 5% | 1/4W |
| R203 | 1-249-437-11 | CARBON | 47K | 5% | 1/4W |
| ********** | | | | | |
| * | 1-672-195-11 | LED (PANEL) BOARD | | | |
| | | ********** | | | |
| | | < DIODE > | | | |
| D671 | 8-719-058-03 | DIODE SEL5423E-TP15 (DISC TABLE) | | | |
| D672 | 8-719-058-03 | DIODE SEL5423E-TP15 (DISC TABLE) | | | |
| D673 | 8-719-058-03 | DIODE SEL5423E-TP15 (DISC TABLE) | | | |
| D674 | 8-719-058-03 | DIODE SEL5423E-TP15 (DISC TABLE) | | | |
| D675 | 8-719-058-03 | DIODE SEL5423E-TP15 (DISC TABLE) | | | |

| Ref. No. | Part No. | Description | | | Remark |
|---|---|---|---|---|---|
| | | < RESISTOR > | | | |
| R600 | 1-249-410-11 | CARBON | 270 | 5% | 1/4W F |
| ********** | | | | | |
| * | A-4417-468-A | MAIN BOARD, COMPLETE (XB800AV) | | | |
| | | ********** | | | |
| * | A-4417-470-A | MAIN BOARD, COMPLETE (DR7AV:SP,TH,AUS) | | | |
| | | ********** | | | |
| * | A-4419-301-A | MAIN BOARD, COMPLETE (DR7AV:EA) | | | |
| | | ********** | | | |
| | 4-875-327-31 | HEAT SINK | | | |
| | 7-685-646-79 | SCREW +BVTP 3X8 TYPE2 N-S | | | |
| | | < CAPACITOR > | | | |
| C111 | 1-137-195-11 | FILM | 0.56uF | 5% | 50V |
| C112 | 1-136-158-00 | FILM | 0.027uF | 5% | 50V |
| C113 | 1-136-167-00 | FILM | 0.15uF | 5% | 50V |
| C114 | 1-130-480-00 | MYLAR | 0.0056uF | 5% | 50V |
| C115 | 1-136-159-00 | FILM | 0.033uF | 5% | 50V |
| C116 | 1-130-473-00 | MYLAR | 0.0015uF | 5% | 50V |
| C117 | 1-136-153-00 | FILM | 0.01uF | 5% | 50V |
| C118 | 1-163-129-00 | CERAMIC CHIP | 330PF | 5% | 50V |
| C119 | 1-130-479-00 | MYLAR | 0.0047uF | 5% | 50V |
| C120 | 1-130-477-00 | MYLAR | 0.0033uF | 5% | 50V |
| C121 | 1-126-964-11 | ELECT | 10uF | 20% | 50V |
| C122 | 1-163-006-11 | CERAMIC CHIP | 560PF | 10% | 50V |
| C123 | 1-136-169-00 | FILM | 0.22uF | 5% | 50V |
| C124 | 1-136-169-00 | FILM | 0.22uF | 5% | 50V |
| C125 | 1-126-964-11 | ELECT | 10uF | 20% | 50V |
| C131 | 1-104-664-11 | ELECT | 47uF | 20% | 16V |
| C132 | 1-104-664-11 | ELECT | 47uF | 20% | 16V |
| C135 | 1-126-964-11 | ELECT | 10uF | 20% | 50V |
| C161 | 1-137-195-11 | FILM | 0.56uF | 5% | 50V |
| C162 | 1-136-158-00 | FILM | 0.027uF | 5% | 50V |
| C163 | 1-136-167-00 | FILM | 0.15uF | 5% | 50V |
| C164 | 1-130-480-00 | MYLAR | 0.0056uF | 5% | 50V |
| C165 | 1-136-159-00 | FILM | 0.033uF | 5% | 50V |
| C166 | 1-130-473-00 | MYLAR | 0.0015uF | 5% | 50V |
| C167 | 1-136-153-00 | FILM | 0.01uF | 5% | 50V |
| C168 | 1-163-129-00 | CERAMIC CHIP | 330PF | 5% | 50V |
| C169 | 1-130-479-00 | MYLAR | 0.0047uF | 5% | 50V |
| C170 | 1-130-477-00 | MYLAR | 0.0033uF | 5% | 50V |
| C171 | 1-126-964-11 | ELECT | 10uF | 20% | 50V |
| C172 | 1-163-006-11 | CERAMIC CHIP | 560PF | 10% | 50V |
| C173 | 1-136-169-00 | FILM | 0.22uF | 5% | 50V |
| C174 | 1-136-169-00 | FILM | 0.22uF | 5% | 50V |
| C175 | 1-126-964-11 | ELECT | 10uF | 20% | 50V |
| C176 | 1-136-495-11 | FILM | 0.068uF | 5% | 50V |
| C177 | 1-136-153-00 | FILM | 0.01uF | 5% | 50V |
| C181 | 1-163-038-91 | CERAMIC CHIP | 0.1uF | | 25V |
| C182 | 1-163-038-91 | CERAMIC CHIP | 0.1uF | | 25V |
| C183 | 1-163-038-91 | CERAMIC CHIP | 0.1uF | | 25V |
| C191 | 1-163-031-11 | CERAMIC CHIP | 0.01uF | | 50V |
| C193 | 1-126-964-11 | ELECT | 10uF | 20% | 50V |

## MAIN

| Ref. No. | Part No. | Description | | | Remark |
|---|---|---|---|---|---|
| C201 | 1-126-964-11 | ELECT | 10uF | 20% | 50V |
| C202 | 1-126-964-11 | ELECT | 10uF | 20% | 50V |
| C203 | 1-126-959-11 | ELECT | 0.47uF | 20% | 50V |
| C204 | 1-126-959-11 | ELECT | 0.47uF | 20% | 50V |
| C205 | 1-136-165-00 | FILM | 0.1uF | 5% | 50V |
| C206 | 1-136-165-00 | FILM | 0.1uF | 5% | 50V |
| C207 | 1-126-959-11 | ELECT | 0.47uF | 20% | 50V |
| C208 | 1-126-959-11 | ELECT | 0.47uF | 20% | 50V |
| C213 | 1-136-165-00 | FILM | 0.1uF | 5% | 50V |
| C214 | 1-163-038-91 | CERAMIC CHIP | 0.1uF | | 25V |
| C215 | 1-163-038-91 | CERAMIC CHIP | 0.1uF | | 25V |
| C216 | 1-126-960-11 | ELECT | 1uF | 20% | 50V |
| C217 | 1-130-479-00 | MYLAR | 0.0047uF | 5% | 50V |
| C218 | 1-130-471-00 | MYLAR | 0.001uF | 5% | 50V |
| C219 | 1-136-165-00 | FILM | 0.1uF | 5% | 50V |
| C220 | 1-136-169-00 | FILM | 0.22uF | 5% | 50V |
| C221 | 1-136-169-00 | FILM | 0.22uF | 5% | 50V |
| C222 | 1-136-165-00 | FILM | 0.1uF | 5% | 50V |
| C223 | 1-130-479-00 | MYLAR | 0.0047uF | 5% | 50V |
| C224 | 1-130-471-00 | MYLAR | 0.001uF | 5% | 50V |
| C225 | 1-126-960-11 | ELECT | 1uF | 20% | 50V |
| C226 | 1-130-480-00 | MYLAR | 0.0056uF | 5% | 50V |
| C227 | 1-136-161-00 | FILM | 0.047uF | 5% | 50V |
| C228 | 1-136-175-00 | FILM | 0.68uF | 5% | 50V |
| C229 | 1-136-169-00 | FILM | 0.22uF | 5% | 50V |
| C230 | 1-136-169-00 | FILM | 0.22uF | 5% | 50V |
| C231 | 1-126-963-11 | ELECT | 4.7uF | 20% | 50V |
| C232 | 1-126-963-11 | ELECT | 4.7uF | 20% | 50V |
| C233 | 1-136-169-00 | FILM | 0.22uF | 5% | 50V |
| C234 | 1-136-169-00 | FILM | 0.22uF | 5% | 50V |
| C235 | 1-136-165-00 | FILM | 0.1uF | 5% | 50V |
| C236 | 1-136-161-00 | FILM | 0.047uF | 5% | 50V |
| C237 | 1-136-161-00 | FILM | 0.047uF | 5% | 50V |
| C238 | 1-136-165-00 | FILM | 0.1uF | 5% | 50V |
| C239 | 1-136-165-00 | FILM | 0.1uF | 5% | 50V |
| C240 | 1-136-157-00 | FILM | 0.022uF | 5% | 50V |
| C241 | 1-136-157-00 | FILM | 0.022uF | 5% | 50V |
| C242 | 1-136-165-00 | FILM | 0.1uF | 5% | 50V |
| C243 | 1-130-469-00 | MYLAR | 680PF | 5% | 50V |
| C244 | 1-136-153-00 | FILM | 0.01uF | 5% | 50V |
| C245 | 1-136-153-00 | FILM | 0.01uF | 5% | 50V |
| C246 | 1-130-469-00 | MYLAR | 680PF | 5% | 50V |
| C247 | 1-136-153-00 | FILM | 0.01uF | 5% | 50V |
| C248 | 1-136-153-00 | FILM | 0.01uF | 5% | 50V |
| C249 | 1-104-664-11 | ELECT | 47uF | 20% | 16V |
| C250 | 1-130-481-00 | MYLAR | 0.0068uF | 5% | 50V |
| C251 | 1-126-963-11 | ELECT | 4.7uF | 20% | 50V |
| C252 | 1-126-934-11 | ELECT | 220uF | 20% | 16V |
| C253 | 1-126-934-11 | ELECT | 220uF | 20% | 16V |
| C255 | 1-126-964-11 | ELECT | 10uF | 20% | 50V |
| C256 | 1-126-964-11 | ELECT | 10uF | 20% | 50V |
| C262 | 1-126-964-11 | ELECT | 10uF | 20% | 50V |
| C264 | 1-163-009-11 | CERAMIC | 1000P | 10% | 50V |
| C301 | 1-126-960-11 | ELECT | 1uF | 20% | 50V |
| C302 | 1-130-479-00 | MYLAR | 0.0047uF | 5% | 50V |
| C303 | 1-136-165-00 | FILM | 0.1uF | 5% | 50V |
| C304 | 1-136-165-00 | FILM | 0.1uF | 5% | 50V |

| Ref. No. | Part No. | Description | | | Remark |
|---|---|---|---|---|---|
| C305 | 1-126-964-11 | ELECT | 10uF | 20% | 50V |
| C306 | 1-126-960-11 | ELECT | 1uF | 20% | 50V |
| C307 | 1-126-959-11 | ELECT | 0.47uF | 20% | 50V |
| C308 | 1-126-964-11 | ELECT | 10uF | 20% | 50V |
| C309 | 1-137-194-81 | FILM | 0.47uF | 5% | 50V |
| C310 | 1-163-005-11 | CERAMIC CHIP | 470PF | 10% | 50V |
| C311 | 1-126-964-11 | ELECT | 10uF | 20% | 50V |
| C312 | 1-126-959-11 | ELECT | 0.47uF | 20% | 50V |
| C313 | 1-163-009-11 | CERAMIC CHIP | 0.001uF | 10% | 50V |
| C314 | 1-126-964-11 | ELECT | 10uF | 20% | 50V |
| C315 | 1-126-963-11 | ELECT | 4.7uF | 20% | 50V |
| C316 | 1-104-665-11 | ELECT | 100uF | 20% | 10V |
| C317 | 1-104-665-11 | ELECT | 100uF | 20% | 10V |
| C320 | 1-163-005-11 | CERAMIC CHIP | 470PF | 10% | 50V |
| C333 | 1-163-017-00 | CERAMIC CHIP | 0.0047uF | 5% | 50V |
| C334 | 1-163-017-00 | CERAMIC CHIP | 0.0047uF | 5% | 50V |
| C351 | 1-126-960-11 | ELECT | 1uF | 20% | 50V |
| C352 | 1-130-479-00 | MYLAR | 0.0047uF | 5% | 50V |
| C353 | 1-136-165-00 | FILM | 0.1uF | 5% | 50V |
| C354 | 1-136-165-00 | FILM | 0.1uF | 5% | 50V |
| C355 | 1-126-964-11 | ELECT | 10uF | 20% | 50V |
| C356 | 1-126-960-11 | ELECT | 1uF | 20% | 50V |
| C357 | 1-126-959-11 | ELECT | 0.47uF | 20% | 50V |
| C358 | 1-126-964-11 | ELECT | 10uF | 20% | 50V |
| C359 | 1-137-194-81 | FILM | 0.47uF | 5% | 50V |
| C401 | 1-126-961-11 | ELECT | 2.2uF | 20% | 50V |
| C411 | 1-163-033-91 | CERAMIC CHIP | 0.022uF | | 50V |
| C412 | 1-163-033-91 | CERAMIC CHIP | 0.022uF | | 50V |
| C413 | 1-126-916-11 | ELECT | 1000uF | 20% | 6.3V |
| C414 | 1-126-916-11 | ELECT | 1000uF | 20% | 6.3V |
| C415 | 1-163-005-11 | CERAMIC CHIP | 470PF | 10% | 50V |
| C416 | 1-126-925-11 | ELECT | 470uF | 20% | 10V |
| C431 | 1-163-038-91 | CERAMIC CHIP | 0.1uF | | 25V |
| C451 | 1-126-961-11 | ELECT | 2.2uF | 20% | 50V |
| C510 | 1-163-233-11 | CERAMIC CHIP | 18PF | 5% | 50V |
| C511 | 1-163-235-11 | CERAMIC CHIP | 22PF | 5% | 50V |
| C516 | 1-163-038-91 | CERAMIC CHIP | 0.1uF | | 25V |
| C562 | 1-163-038-91 | CERAMIC CHIP | 0.1uF | | 25V |
| C564 | 1-104-665-11 | ELECT | 100uF | 20% | 10V |
| C598 | 1-163-038-91 | CERAMIC CHIP | 0.1uF | | 25V |
| C599 | 1-104-665-11 | ELECT | 100uF | 20% | 10V |
| C601 | 1-163-003-11 | CERAMIC CHIP | 330PF | 10% | 50V |
| C602 | 1-163-251-11 | CERAMIC CHIP | 100PF | 5% | 50V |
| C603 | 1-163-251-11 | CERAMIC CHIP | 100PF | 5% | 50V |
| C604 | 1-126-961-11 | ELECT | 2.2uF | 20% | 50V (DR7AV) |
| C604 | 1-126-963-11 | ELECT | 4.7uF | 20% | 50V (XB800AV) |
| C605 | 1-130-479-00 | MYLAR | 0.0047uF | 5% | 50V |
| C606 | 1-130-473-00 | MYLAR | 0.0015uF | 5% | 50V |
| C607 | 1-136-159-00 | FILM | 0.033uF | 5% | 50V (DR7AV) |
| C607 | 1-136-165-00 | FILM | 0.1uF | 5% | 50V (XB800AV) |
| C608 | 1-163-031-11 | CERAMIC CHIP | 0.01uF | | 50V |
| C609 | 1-126-933-11 | ELECT | 100uF | 20% | 16V |
| C651 | 1-163-003-11 | CERAMIC CHIP | 330PF | 10% | 50V |

| Ref. No. | Part No. | Description | | | Remark |
|---|---|---|---|---|---|
| C652 | 1-163-251-11 | CERAMIC CHIP | 100PF | 5% | 50V |
| C653 | 1-163-251-11 | CERAMIC CHIP | 100PF | 5% | 50V |
| C654 | 1-126-961-11 | ELECT | 2.2uF | 20% | 50V (DR7AV) |
| C654 | 1-126-963-11 | ELECT | 4.7uF | 20% | 50V (XB800AV) |
| C655 | 1-130-479-00 | MYLAR | 0.0047uF | 5% | 50V |
| C656 | 1-130-473-00 | MYLAR | 0.0015uF | 5% | 50V |
| C657 | 1-136-159-00 | FILM | 0.033uF | 5% | 50V (DR7AV) |
| C657 | 1-136-165-00 | FILM | 0.1uF | 5% | 50V (XB800AV) |
| C658 | 1-163-031-11 | CERAMIC CHIP | 0.01uF | | 50V |
| C659 | 1-126-933-11 | ELECT | 100uF | 20% | 16V |
| C701 | 1-163-001-11 | CERAMIC CHIP | 220PF | 10% | 50V |
| C702 | 1-163-001-11 | CERAMIC CHIP | 220PF | 10% | 50V |
| C703 | 1-163-001-11 | CERAMIC CHIP | 220PF | 10% | 50V |
| C721 | 1-126-960-11 | ELECT | 1uF | 20% | 50V |
| C722 | 1-126-926-11 | ELECT | 1000uF | 20% | 10V |
| C724 | 1-163-005-11 | CERAMIC CHIP | 470PF | 10% | 50V |
| C751 | 1-163-001-11 | CERAMIC CHIP | 220PF | 10% | 50V |
| C752 | 1-163-001-11 | CERAMIC CHIP | 220PF | 10% | 50V |
| C753 | 1-163-001-11 | CERAMIC CHIP | 220PF | 10% | 50V |
| C772 | 1-163-038-91 | CERAMIC CHIP | 0.1uF | | 25V |
| C774 | 1-163-038-91 | CERAMIC CHIP | 0.1uF | | 25V |
| C777 | 1-163-038-91 | CERAMIC CHIP | 0.1uF | | 25V |
| C782 | 1-104-665-11 | ELECT | 100uF | 20% | 10V |
| C803 | 1-126-964-11 | ELECT | 10uF | 20% | 50V |
| C804 | 1-136-165-00 | FILM | 0.1uF | 5% | 50V |
| C805 | 1-136-165-00 | FILM | 0.1uF | 5% | 50V |
| C806 | 1-126-916-11 | ELECT | 1000uF | 20% | 6.3V |
| C808 | 1-109-953-11 | ELECT | 2.2uF | 20% | 50V |
| C902 | 1-126-937-11 | ELECT | 4700uF | 20% | 16V |
| C903 | 1-126-964-11 | ELECT | 10uF | 20% | 50V |
| C904 | 1-126-964-11 | ELECT | 10uF | 20% | 50V |
| C905 | 1-126-924-11 | ELECT | 330uF | 20% | 10V |
| C911 | 1-126-964-11 | ELECT | 10uF | 20% | 50V |
| C912 | 1-126-916-11 | ELECT | 1000uF | 20% | 6.3V |
| C913 | 1-104-665-11 | ELECT | 100uF | 20% | 10V |
| C914 | 1-126-916-11 | ELECT | 1000uF | 20% | 6.3V |
| C932 | 1-126-964-11 | ELECT | 10uF | 20% | 50V |
| C933 | 1-126-933-11 | ELECT | 100uF | 20% | 16V |
| C934 | 1-126-964-11 | ELECT | 10uF | 20% | 50V |
| C935 | 1-126-767-11 | ELECT | 1000uF | 20% | 16V |
| C936 | 1-126-964-11 | ELECT | 10uF | 20% | 50V |
| C937 | 1-104-665-11 | ELECT | 100uF | 20% | 10V |
| C938 | 1-126-933-11 | ELECT | 100uF | 20% | 16V |
| C952 | 1-126-943-11 | ELECT | 2200uF | 20% | 25V |
| C953 | 1-126-964-11 | ELECT | 10uF | 20% | 50V |
| C954 | 1-126-964-11 | ELECT | 10uF | 20% | 50V |
| C955 | 1-126-924-11 | ELECT | 330uF | 20% | 10V |
| C961 | 1-163-038-91 | CERAMIC CHIP | 0.1uF | | 25V (DR7AV) |
| | | < CONNECTOR > | | | |
| CN303 | 1-784-776-11 | CONNECTOR, FFC 15P | | | |
| CN304 | 1-784-778-11 | CONNECTOR, FFC 17P | | | |
| CN411 | 1-784-780-11 | CONNECTOR, FFC 19P | | | |
| CN412 | 1-785-321-11 | PIN, CONNECTOR (STRAIGHT) 9P | | | |
| CN431 | 1-784-776-11 | CONNECTOR, FFC 15P | | | |
| CN441 | 1-750-745-11 | CONNECTOR, FFC/FPC 13P (DR7AV) | | | |
| CN441 | 1-750-747-11 | CONNECTOR, FFC/FPC 15P (XB800AV) | | | |
| CN452 | 1-785-316-11 | PIN, CONNECTOR (STRAIGHT) 4P | | | |
| CN702 | 1-691-767-11 | PLUG (MICRO CONNECTOR) 5P | | | |
| CN901 | 1-778-982-11 | CONNECTOR, BOARD TO BOARD 13P | | | |
| * CN902 | 1-770-729-11 | CONNECTOR, BOARD TO BOARD 10P (DR7AV) | | | |
| CN902 | 1-770-731-11 | CONNECTOR, BOARD TO BOARD 12P (XB800AV) | | | |
| * CN903 | 1-564-518-11 | PLUG, CONNECTOR 3P (DR7AV) | | | |
| | | < DIODE > | | | |
| D191 | 8-719-988-61 | DIODE 1SS355TE-17 | | | |
| D192 | 8-719-988-61 | DIODE 1SS355TE-17 | | | |
| D333 | 8-719-988-61 | DIODE 1SS355TE-17 | | | |
| D334 | 8-719-988-61 | DIODE 1SS355TE-17 | | | |
| D335 | 8-719-988-61 | DIODE 1SS355TE-17 | | | |
| D336 | 8-719-988-61 | DIODE 1SS355TE-17 | | | |
| D501 | 8-719-988-61 | DIODE 1SS355TE-17 | | | |
| D534 | 8-719-988-61 | DIODE 1SS355TE-17 | | | |
| D544 | 8-719-988-61 | DIODE 1SS355TE-17 | | | |
| D801 | 8-719-988-61 | DIODE 1SS355TE-17 | | | |
| D802 | 8-719-988-61 | DIODE 1SS355TE-17 | | | |
| D803 | 8-719-988-61 | DIODE 1SS355TE-17 | | | |
| D804 | 8-719-988-61 | DIODE 1SS355TE-17 | | | |
| D805 | 8-719-988-61 | DIODE 1SS355TE-17 | | | |
| D806 | 8-719-988-61 | DIODE 1SS355TE-17 | | | |
| D807 | 8-719-988-61 | DIODE 1SS355TE-17 | | | |
| D808 | 8-719-053-18 | DIODE 1SR154-400TE-25 | | | |
| D911 | 8-719-988-61 | DIODE 1SS355TE-17 | | | |
| D912 | 8-719-210-33 | DIODE EC10DS2 | | | |
| D913 | 8-719-210-33 | DIODE EC10DS2 | | | |
| D931 | 8-719-210-33 | DIODE EC10DS2 | | | |
| D951 | 8-719-988-61 | DIODE 1SS355TE-17 | | | |
| | | < FERRITE BEAD > | | | |
| FB412 | 1-414-772-11 | FERRITE 0UH | | | |
| FB413 | 1-414-551-11 | FERRITE 0UH | | | |
| FB415 | 1-414-772-11 | FERRITE 0UH | | | |
| | | < FLUORESCENT INDICATOR > | | | |
| FL201 | 1-233-289-21 | FILTER, EMI (SMD) | | | |
| FL501 | 1-233-289-21 | FILTER, EMI (SMD) | | | |
| FL502 | 1-233-289-21 | FILTER, EMI (SMD) | | | |
| FL503 | 1-233-289-21 | FILTER, EMI (SMD) | | | |
| | | < IC > | | | |
| IC101 | 8-759-571-54 | IC M62493FP | | | |
| IC181 | 8-759-009-06 | IC MC14052BF | | | |
| IC191 | 8-759-571-53 | IC BA7615N | | | |
| IC201 | 8-759-571-52 | IC M62464AFP | | | |
| IC301 | 8-759-495-26 | IC HA12215 | | | |
| IC501 | 8-759-588-90 | IC M30622MA-A08FP | | | |
| IC601 | 8-759-636-55 | IC M5218AFP | | | |
| IC781 | 8-749-923-04 | IC TOTX178 | | | |
| IC801 | 8-759-635-63 | IC M51943BSL | | | |
| IC901 | 8-759-604-86 | IC M5F7807L | | | |

# MAIN

| Ref. No. | Part No. | Description | Remark |
|---|---|---|---|
| IC911 | 8-759-231-53 | IC TA7805S | |
| IC931 | 8-759-604-38 | IC M5F78M10 | |
| IC932 | 8-759-701-79 | IC NJM7812FA | |
| IC933 | 8-759-604-86 | IC M5F7807L | |
| IC951 | 8-759-604-90 | IC M5F7907L | |
| | | < JACK > | |
| J701 | 1-766-558-41 | JACK, PIN 8P (VIDEO1 (AUDIO) IN, PHONO IN, MD IN/OUT) | |
| J702 | 1-770-336-11 | JACK, PIN 2P (VIDEO1 (VIDEO) IN, VIDEO OUT) | |
| | | < JUMPER RESISTOR > | |
| JR1 | 1-216-295-91 | SHORT 0 | |
| JR2 | 1-216-296-91 | SHORT 0 | |
| JR3 | 1-216-296-91 | SHORT 0 | |
| JR4 | 1-216-295-91 | SHORT 0 | |
| JR5 | 1-216-295-91 | SHORT 0 | |
| JR6 | 1-216-296-91 | SHORT 0 | |
| JR7 | 1-216-296-91 | SHORT 0 | |
| JR8 | 1-216-296-91 | SHORT 0 | |
| JR9 | 1-216-296-91 | SHORT 0 | |
| JR10 | 1-216-296-91 | SHORT 0 | |
| JR11 | 1-216-296-91 | SHORT 0 | |
| JR181 | 1-216-295-91 | SHORT 0 | |
| JR182 | 1-216-295-91 | SHORT 0 | |
| JR191 | 1-216-295-91 | SHORT 0 | |
| JR192 | 1-216-295-91 | SHORT 0 | |
| JR594 | 1-216-295-91 | SHORT 0 | |
| JR703 | 1-216-295-91 | SHORT 0 | |
| JR901 | 1-216-295-91 | SHORT 0 | |
| JR907 | 1-216-295-91 | SHORT 0 (DR7AV) | |
| JR910 | 1-216-296-91 | SHORT 0 (XB800AV) | |
| | | < COIL > | |
| L201 | 1-412-032-11 | INDUCTOR CHIP 100uH | |
| L781 | 1-412-032-11 | INDUCTOR CHIP 100uH | |
| | | < TRANSISTOR > | |
| Q111 | 8-729-620-05 | TRANSISTOR 2SC2603-EF | |
| Q112 | 8-729-620-05 | TRANSISTOR 2SC2603-EF | |
| Q113 | 8-729-141-30 | TRANSISTOR 2SC3623A-LK | |
| Q115 | 8-729-029-86 | TRANSISTOR DTC124ESA | |
| Q161 | 8-729-620-05 | TRANSISTOR 2SC2603-EF | |
| Q162 | 8-729-620-05 | TRANSISTOR 2SC2603-EF | |
| Q163 | 8-729-141-30 | TRANSISTOR 2SC3623A-LK | |
| Q165 | 8-729-029-86 | TRANSISTOR DTC124ESA | |
| Q271 | 8-729-141-30 | TRANSISTOR 2SC3623A-LK | |
| Q281 | 8-729-141-30 | TRANSISTOR 2SC3623A-LK | |
| Q331 | 8-729-118-00 | TRANSISTOR 2SB1116-L | |
| Q332 | 8-729-029-66 | TRANSISTOR DTC114ESA | |
| Q333 | 8-729-118-00 | TRANSISTOR 2SB1116-L | |
| Q334 | 8-729-029-66 | TRANSISTOR DTC114ESA | |
| Q335 | 8-729-029-66 | TRANSISTOR DTC114ESA | |
| Q336 | 8-729-116-59 | TRANSISTOR 2SB1068TP | |
| Q337 | 8-729-045-21 | TRANSISTOR 2SD1513TP-LK | |
| Q338 | 8-729-029-21 | TRANSISTOR DTA114ESA-TP | |
| Q339 | 8-729-029-66 | TRANSISTOR DTC114ESA | |
| Q340 | 8-729-116-59 | TRANSISTOR 2SB1068TP | |
| Q341 | 8-729-045-21 | TRANSISTOR 2SD1513TP-LK | |
| Q342 | 8-729-029-21 | TRANSISTOR DTA114ESA-TP | |
| Q343 | 8-729-029-66 | TRANSISTOR DTC114ESA | |
| Q801 | 8-729-620-05 | TRANSISTOR 2SC2603-EF | |
| Q802 | 8-729-029-21 | TRANSISTOR DTA114ESA-TP | |
| Q803 | 8-729-029-21 | TRANSISTOR DTA114ESA-TP | |
| Q804 | 8-729-029-40 | TRANSISTOR DTA124ESA | |
| Q901 | 8-729-040-20 | TRANSISTOR RT1P137L-TP | |
| Q902 | 8-729-029-40 | TRANSISTOR DTA124ESA | |
| Q903 | 8-729-040-19 | TRANSISTOR RT1N137L-TP | |
| Q904 | 8-729-029-86 | TRANSISTOR DTC124ESA | |
| Q905 | 8-729-119-76 | TRANSISTOR 2SA1175-HFE | |
| Q906 | 8-729-029-68 | TRANSISTOR DTC114TSA | |
| Q911 | 8-729-040-20 | TRANSISTOR RT1P137L-TP | |
| Q912 | 8-729-029-86 | TRANSISTOR DTC124ESA | |
| Q913 | 8-729-040-20 | TRANSISTOR RT1P137L-TP | |
| Q914 | 8-729-029-86 | TRANSISTOR DTC124ESA | |
| Q931 | 8-729-040-20 | TRANSISTOR RT1P137L-TP | |
| Q932 | 8-729-029-86 | TRANSISTOR DTC124ESA | |
| Q961 | 8-729-620-05 | TRANSISTOR 2SC2603-EF (DR7AV) | |
| Q962 | 8-729-118-00 | TRANSISTOR 2SB1116-L (DR7AV) | |
| | | < RESISTOR > | |
| R111 | 1-216-073-00 | METAL CHIP 10K 5% 1/10W | |
| R112 | 1-216-121-91 | RES,CHIP 1M 5% 1/10W | |
| R113 | 1-216-101-00 | METAL CHIP 150K 5% 1/10W | (XB800AV) |
| R113 | 1-216-103-00 | METAL CHIP 180K 5% 1/10W | (DR7AV) |
| R114 | 1-216-043-91 | RES,CHIP 560 5% 1/10W | |
| R115 | 1-216-073-00 | METAL CHIP 10K 5% 1/10W | |
| R116 | 1-216-091-00 | METAL CHIP 56K 5% 1/10W | |
| R117 | 1-216-073-00 | METAL CHIP 10K 5% 1/10W | |
| R118 | 1-216-089-91 | RES,CHIP 47K 5% 1/10W | |
| R119 | 1-216-057-00 | METAL CHIP 2.2K 5% 1/10W | |
| R120 | 1-216-097-91 | RES,CHIP 100K 5% 1/10W | |
| R121 | 1-216-073-00 | METAL CHIP 10K 5% 1/10W | |
| R122 | 1-216-295-91 | SHORT 0 | |
| R123 | 1-216-101-00 | METAL CHIP 150K 5% 1/10W | (XB800AV) |
| R123 | 1-216-107-00 | METAL CHIP 270K 5% 1/10W | (DR7AV) |
| R124 | 1-216-057-00 | METAL CHIP 2.2K 5% 1/10W | |
| R125 | 1-216-061-00 | METAL CHIP 3.3K 5% 1/10W | |
| R126 | 1-216-057-00 | METAL CHIP 2.2K 5% 1/10W | |
| R127 | 1-216-101-00 | METAL CHIP 150K 5% 1/10W | (XB800AV) |
| R127 | 1-216-111-00 | METAL CHIP 390K 5% 1/10W | (DR7AV) |
| R129 | 1-216-121-91 | RES,CHIP 1M 5% 1/10W | |
| R131 | 1-216-025-91 | RES,CHIP 100 5% 1/10W | |
| R132 | 1-216-025-91 | RES,CHIP 100 5% 1/10W | |
| R133 | 1-216-025-91 | RES,CHIP 100 5% 1/10W | |
| R161 | 1-216-073-00 | METAL CHIP 10K 5% 1/10W | |
| R162 | 1-216-121-91 | RES,CHIP 1M 5% 1/10W | |
| R163 | 1-216-101-00 | METAL CHIP 150K 5% 1/10W | (XB800AV) |

| Ref. No. | Part No. | Description | | | Remark |
|---|---|---|---|---|---|
| R163 | 1-216-103-00 | METAL CHIP | 180K | 5% | 1/10W |
| | | | | | (DR7AV) |
| R164 | 1-216-043-91 | RES,CHIP | 560 | 5% | 1/10W |
| R165 | 1-216-073-00 | METAL CHIP | 10K | 5% | 1/10W |
| R166 | 1-216-091-00 | METAL CHIP | 56K | 5% | 1/10W |
| R167 | 1-216-073-00 | METAL CHIP | 10K | 5% | 1/10W |
| R168 | 1-216-089-91 | RES,CHIP | 47K | 5% | 1/10W |
| R169 | 1-216-057-00 | METAL CHIP | 2.2K | 5% | 1/10W |
| R170 | 1-216-097-91 | RES,CHIP | 100K | 5% | 1/10W |
| R171 | 1-216-073-00 | METAL CHIP | 10K | 5% | 1/10W |
| R172 | 1-216-295-91 | SHORT | 0 | | |
| R173 | 1-216-101-00 | METAL CHIP | 150K | 5% | 1/10W |
| | | | | | (XB800AV) |
| R173 | 1-216-107-00 | METAL CHIP | 270K | 5% | 1/10W |
| | | | | | (DR7AV) |
| R174 | 1-216-073-00 | METAL CHIP | 10K | 5% | 1/10W |
| R175 | 1-216-097-91 | RES,CHIP | 100K | 5% | 1/10W |
| R177 | 1-216-101-00 | METAL CHIP | 150K | 5% | 1/10W |
| | | | | | (XB800AV) |
| R177 | 1-216-111-00 | METAL CHIP | 390K | 5% | 1/10W |
| | | | | | (DR7AV) |
| R178 | 1-216-057-00 | METAL CHIP | 2.2K | 5% | 1/10W |
| R179 | 1-216-121-91 | RES,CHIP | 1M | 5% | 1/10W |
| R201 | 1-216-025-91 | RES,CHIP | 100 | 5% | 1/10W |
| R202 | 1-216-025-91 | RES,CHIP | 100 | 5% | 1/10W |
| R203 | 1-216-041-11 | RES,CHIP | 470 | 5% | 1/10W |
| R204 | 1-216-109-00 | METAL CHIP | 330K | 5% | 1/10W |
| R205 | 1-216-089-91 | RES,CHIP | 47K | 5% | 1/10W |
| R206 | 1-216-101-00 | METAL CHIP | 150K | 5% | 1/10W |
| R207 | 1-216-094-00 | RES,CHIP | 75K | 5% | 1/10W |
| R208 | 1-216-089-91 | RES,CHIP | 47K | 5% | 1/10W |
| R209 | 1-216-101-00 | METAL CHIP | 150K | 5% | 1/10W |
| R210 | 1-216-094-00 | RES,CHIP | 75K | 5% | 1/10W |
| R211 | 1-216-097-91 | RES,CHIP | 100K | 5% | 1/10W |
| R212 | 1-216-097-91 | RES,CHIP | 100K | 5% | 1/10W |
| R213 | 1-216-097-91 | RES,CHIP | 100K | 5% | 1/10W |
| R214 | 1-216-097-91 | RES,CHIP | 100K | 5% | 1/10W |
| R271 | 1-216-057-00 | METAL CHIP | 2.2K | 5% | 1/10W |
| R272 | 1-216-097-91 | RES,CHIP | 100K | 5% | 1/10W |
| R273 | 1-216-073-00 | METAL CHIP | 10K | 5% | 1/10W |
| R281 | 1-216-057-00 | METAL CHIP | 2.2K | 5% | 1/10W |
| R282 | 1-216-097-91 | RES,CHIP | 100K | 5% | 1/10W |
| R283 | 1-216-073-00 | METAL CHIP | 10K | 5% | 1/10W |
| R301 | 1-216-085-00 | METAL CHIP | 33K | 5% | 1/10W |
| R302 | 1-216-057-00 | METAL CHIP | 2.2K | 5% | 1/10W |
| R303 | 1-216-025-91 | RES,CHIP | 100 | 5% | 1/10W |
| R304 | 1-216-025-91 | RES,CHIP | 100 | 5% | 1/10W |
| R305 | 1-216-057-00 | METAL CHIP | 2.2K | 5% | 1/10W |
| R306 | 1-216-071-00 | METAL CHIP | 8.2K | 5% | 1/10W |
| R307 | 1-216-071-00 | METAL CHIP | 8.2K | 5% | 1/10W |
| R308 | 1-216-065-91 | RES,CHIP | 4.7K | 5% | 1/10W |
| R309 | 1-216-081-00 | METAL CHIP | 22K | 5% | 1/10W |
| R311 | 1-216-121-91 | RES,CHIP | 1M | 5% | 1/10W |
| R312 | 1-216-102-00 | RES,CHIP | 160K | 5% | 1/10W |
| R313 | 1-216-097-91 | RES,CHIP | 100K | 5% | 1/10W |
| R315 | 1-216-073-00 | METAL CHIP | 10K | 5% | 1/10W |
| R316 | 1-216-079-00 | METAL CHIP | 18K | 5% | 1/10W |
| R317 | 1-216-073-00 | METAL CHIP | 10K | 5% | 1/10W |
| R318 | 1-216-073-00 | METAL CHIP | 10K | 5% | 1/10W |
| R319 | 1-216-111-00 | METAL CHIP | 390K | 5% | 1/10W |
| R321 | 1-216-059-00 | METAL CHIP | 2.7K | 5% | 1/10W |
| R322 | 1-216-071-00 | METAL CHIP | 8.2K | 5% | 1/10W |
| R332 | 1-216-045-00 | METAL CHIP | 680 | 5% | 1/10W |
| R333 | 1-216-057-00 | METAL CHIP | 2.2K | 5% | 1/10W |
| R334 | 1-216-045-00 | METAL CHIP | 680 | 5% | 1/10W |
| R335 | 1-216-057-00 | METAL CHIP | 2.2K | 5% | 1/10W |
| R336 | 1-216-089-91 | RES,CHIP | 47K | 5% | 1/10W |
| R337 | 1-216-057-00 | METAL CHIP | 2.2K | 5% | 1/10W |
| R338 | 1-216-045-00 | METAL CHIP | 680 | 5% | 1/10W |
| R339 | 1-216-089-91 | RES,CHIP | 47K | 5% | 1/10W |
| R340 | 1-216-089-91 | RES,CHIP | 47K | 5% | 1/10W |
| R341 | 1-216-045-00 | METAL CHIP | 680 | 5% | 1/10W |
| R342 | 1-216-089-91 | RES,CHIP | 47K | 5% | 1/10W |
| R343 | 1-216-061-00 | METAL CHIP | 3.3K | 5% | 1/10W |
| R344 | 1-216-061-00 | METAL CHIP | 3.3K | 5% | 1/10W |
| R345 | 1-216-061-00 | METAL CHIP | 3.3K | 5% | 1/10W |
| R346 | 1-216-057-00 | METAL CHIP | 2.2K | 5% | 1/10W |
| R347 | 1-216-045-00 | METAL CHIP | 680 | 5% | 1/10W |
| R348 | 1-216-045-00 | METAL CHIP | 680 | 5% | 1/10W |
| R351 | 1-216-085-00 | METAL CHIP | 33K | 5% | 1/10W |
| R352 | 1-216-057-00 | METAL CHIP | 2.2K | 5% | 1/10W |
| R353 | 1-216-025-91 | RES,CHIP | 100 | 5% | 1/10W |
| R354 | 1-216-025-91 | RES,CHIP | 100 | 5% | 1/10W |
| R355 | 1-216-057-00 | METAL CHIP | 2.2K | 5% | 1/10W |
| R356 | 1-216-071-00 | METAL CHIP | 8.2K | 5% | 1/10W |
| R357 | 1-216-071-00 | METAL CHIP | 8.2K | 5% | 1/10W |
| R358 | 1-216-065-91 | RES,CHIP | 4.7K | 5% | 1/10W |
| R359 | 1-216-085-00 | METAL CHIP | 33K | 5% | 1/10W |
| R371 | 1-216-089-91 | RES,CHIP | 47K | 5% | 1/10W |
| R372 | 1-216-065-91 | RES,CHIP | 4.7K | 5% | 1/10W |
| R373 | 1-216-049-91 | RES,CHIP | 1K | 5% | 1/10W |
| R374 | 1-216-089-91 | RES,CHIP | 47K | 5% | 1/10W |
| R375 | 1-216-094-00 | RES,CHIP | 75K | 5% | 1/10W |
| R376 | 1-216-065-91 | RES,CHIP | 4.7K | 5% | 1/10W |
| R377 | 1-216-089-91 | RES,CHIP | 47K | 5% | 1/10W |
| R378 | 1-216-094-00 | RES,CHIP | 75K | 5% | 1/10W |
| R401 | 1-216-025-91 | RES,CHIP | 100 | 5% | 1/10W |
| R402 | 1-216-061-00 | METAL CHIP | 3.3K | 5% | 1/10W |
| R413 | 1-216-295-91 | SHORT | 0 | | |
| R414 | 1-216-295-91 | SHORT | 0 | | |
| R451 | 1-216-025-91 | RES,CHIP | 100 | 5% | 1/10W |
| R452 | 1-216-061-00 | METAL CHIP | 3.3K | 5% | 1/10W |
| R501 | 1-216-025-91 | RES,CHIP | 100 | 5% | 1/10W |
| R503 | 1-216-025-91 | RES,CHIP | 100 | 5% | 1/10W |
| R504 | 1-216-025-91 | RES,CHIP | 100 | 5% | 1/10W |
| R505 | 1-216-025-91 | RES,CHIP | 100 | 5% | 1/10W |
| R511 | 1-216-109-00 | METAL CHIP | 330K | 5% | 1/10W |
| R513 | 1-216-295-91 | SHORT | 0 | | |
| R517 | 1-216-073-00 | METAL CHIP | 10K | 5% | 1/10W |
| R518 | 1-216-025-91 | RES,CHIP | 100 | 5% | 1/10W |
| R519 | 1-216-025-91 | RES,CHIP | 100 | 5% | 1/10W |
| R520 | 1-216-025-91 | RES,CHIP | 100 | 5% | 1/10W |
| | | | | | (XB800AV) |
| R521 | 1-216-025-91 | RES,CHIP | 100 | 5% | 1/10W |
| | | | | | (XB800AV) |

## MAIN

| Ref. No. | Part No. | Description | | | Remark |
|---|---|---|---|---|---|
| R522 | 1-216-065-91 | RES,CHIP | 4.7K | 5% | 1/10W |
| R523 | 1-216-025-91 | RES,CHIP | 100 | 5% | 1/10W |
| R524 | 1-216-025-91 | RES,CHIP | 100 | 5% | 1/10W |
| R525 | 1-216-025-91 | RES,CHIP | 100 | 5% | 1/10W |
| R526 | 1-216-065-91 | RES,CHIP | 4.7K | 5% | 1/10W |
| R527 | 1-216-025-91 | RES,CHIP | 100 | 5% | 1/10W |
| R528 | 1-216-025-91 | RES,CHIP | 100 | 5% | 1/10W |
| R529 | 1-216-025-91 | RES,CHIP | 100 | 5% | 1/10W |
| R530 | 1-216-025-91 | RES,CHIP | 100 | 5% | 1/10W |
| R532 | 1-216-025-91 | RES,CHIP | 100 | 5% | 1/10W |
| R533 | 1-216-025-91 | RES,CHIP | 100 | 5% | 1/10W |
| R535 | 1-216-025-91 | RES,CHIP | 100 | 5% | 1/10W |
| R536 | 1-216-025-91 | RES,CHIP | 100 | 5% | 1/10W |
| R537 | 1-216-025-91 | RES,CHIP | 100 | 5% | 1/10W |
| R538 | 1-216-025-91 | RES,CHIP | 100 | 5% | 1/10W |
| R540 | 1-216-061-00 | METAL CHIP | 3.3K | 5% | 1/10W |
| R541 | 1-216-073-00 | METAL CHIP | 10K | 5% | 1/10W |
| R542 | 1-216-025-91 | RES,CHIP | 100 | 5% | 1/10W |
| R543 | 1-216-025-91 | RES,CHIP | 100 | 5% | 1/10W |
| R545 | 1-216-025-91 | RES,CHIP | 100 | 5% | 1/10W |
| R546 | 1-216-025-91 | RES,CHIP | 100 | 5% | 1/10W |
| R547 | 1-216-025-91 | RES,CHIP | 100 | 5% | 1/10W |
| R548 | 1-216-025-91 | RES,CHIP | 100 | 5% | 1/10W |
| R549 | 1-216-041-00 | METAL CHIP | 470 | 5% | 1/10W |
| R550 | 1-216-025-91 | RES,CHIP | 100 | 5% | 1/10W |
| R551 | 1-216-025-91 | RES,CHIP | 100 | 5% | 1/10W |
| R552 | 1-216-025-91 | RES,CHIP | 100 | 5% | 1/10W |
| R553 | 1-216-025-91 | RES,CHIP | 100 | 5% | 1/10W |
| R554 | 1-216-025-91 | RES,CHIP | 100 | 5% | 1/10W |
| R555 | 1-216-025-91 | RES,CHIP | 100 | 5% | 1/10W |
| R556 | 1-216-025-91 | RES,CHIP | 100 | 5% | 1/10W |
| R557 | 1-216-025-91 | RES,CHIP | 100 | 5% | 1/10W |
| R558 | 1-216-025-91 | RES,CHIP | 100 | 5% | 1/10W |
| R559 | 1-216-025-91 | RES,CHIP | 100 | 5% | 1/10W |
| R561 | 1-216-025-91 | RES,CHIP | 100 | 5% | 1/10W |
| R563 | 1-216-025-91 | RES,CHIP | 100 | 5% | 1/10W |
| R565 | 1-216-025-91 | RES,CHIP | 100 | 5% | 1/10W |
| R567 | 1-216-073-00 | METAL CHIP | 10K | 5% | 1/10W |
| R568 | 1-216-025-91 | RES,CHIP | 100 | 5% | 1/10W |
| R569 | 1-216-025-91 | RES,CHIP | 100 | 5% | 1/10W |
| R570 | 1-216-089-91 | RES,CHIP | 47K | 5% | 1/10W |
| R572 | 1-216-025-91 | RES,CHIP | 100 | 5% | 1/10W |
| R573 | 1-216-025-91 | RES,CHIP | 100 | 5% | 1/10W |
| R574 | 1-216-025-91 | RES,CHIP | 100 | 5% | 1/10W |
| R575 | 1-216-025-91 | RES,CHIP | 100 | 5% | 1/10W |
| R576 | 1-216-025-91 | RES,CHIP | 100 | 5% | 1/10W |
| R577 | 1-216-025-91 | RES,CHIP | 100 | 5% | 1/10W |
| R578 | 1-216-025-91 | RES,CHIP | 100 | 5% | 1/10W |
| R579 | 1-216-025-91 | RES,CHIP | 100 | 5% | 1/10W |
| R580 | 1-216-025-91 | RES,CHIP | 100 | 5% | 1/10W |
| R581 | 1-216-025-91 | RES,CHIP | 100 | 5% | 1/10W |
| R582 | 1-216-025-91 | RES,CHIP | 100 | 5% | 1/10W |
| R583 | 1-216-025-91 | RES,CHIP | 100 | 5% | 1/10W |
| R584 | 1-216-025-91 | RES,CHIP | 100 | 5% | 1/10W |
| R585 | 1-216-025-91 | RES,CHIP | 100 | 5% | 1/10W |
| R586 | 1-216-025-91 | RES,CHIP | 100 | 5% | 1/10W |
| R587 | 1-216-025-91 | RES,CHIP | 100 | 5% | 1/10W |

| Ref. No. | Part No. | Description | | | Remark |
|---|---|---|---|---|---|
| R588 | 1-216-025-91 | RES,CHIP | 100 | 5% | 1/10W |
| R589 | 1-216-025-91 | RES,CHIP | 100 | 5% | 1/10W |
| R590 | 1-216-025-91 | RES,CHIP | 100 | 5% | 1/10W |
| R591 | 1-216-025-91 | RES,CHIP | 100 | 5% | 1/10W |
| R593 | 1-216-025-91 | RES,CHIP | 100 | 5% | 1/10W |
| R594 | 1-216-061-00 | METAL CHIP | 3.3K | 5% | 1/10W |
| R595 | 1-216-089-91 | RES,CHIP | 47K | 5% | 1/10W |
| R596 | 1-216-069-00 | METAL CHIP | 6.8K | 5% | 1/10W (XB800AV) |
| R596 | 1-216-089-91 | RES,CHIP | 47K | 5% | 1/10W (DR7AV) |
| R597 | 1-216-061-00 | METAL CHIP | 3.3K | 5% | 1/10W (DR7AV) |
| R597 | 1-216-089-91 | RES,CHIP | 47K | 5% | 1/10W (XB800AV) |
| R600 | 1-216-025-91 | RES,CHIP | 100 | 5% | 1/10W |
| R601 | 1-216-049-91 | RES,CHIP | 1K | 5% | 1/10W |
| R602 | 1-216-049-91 | RES,CHIP | 1K | 5% | 1/10W |
| R603 | 1-216-089-91 | RES,CHIP | 47K | 5% | 1/10W |
| R604 | 1-216-047-91 | RES,CHIP | 820 | 5% | 1/10W (XB800AV) |
| R604 | 1-216-049-91 | RES,CHIP | 1K | 5% | 1/10W (DR7AV) |
| R605 | 1-216-115-00 | METAL CHIP | 560K | 5% | 1/10W |
| R606 | 1-216-089-91 | RES,CHIP | 47K | 5% | 1/10W |
| R607 | 1-216-049-91 | RES,CHIP | 1K | 5% | 1/10W |
| R608 | 1-216-097-91 | RES,CHIP | 100K | 5% | 1/10W |
| R609 | 1-216-033-00 | METAL CHIP | 220 | 5% | 1/10W |
| R651 | 1-216-049-91 | RES,CHIP | 1K | 5% | 1/10W |
| R652 | 1-216-049-91 | RES,CHIP | 1K | 5% | 1/10W |
| R653 | 1-216-089-91 | RES,CHIP | 47K | 5% | 1/10W |
| R654 | 1-216-047-91 | RES,CHIP | 820 | 5% | 1/10W (XB800AV) |
| R654 | 1-216-049-91 | RES,CHIP | 1K | 5% | 1/10W (DR7AV) |
| R655 | 1-216-115-00 | METAL CHIP | 560K | 5% | 1/10W |
| R656 | 1-216-089-91 | RES,CHIP | 47K | 5% | 1/10W |
| R657 | 1-216-049-91 | RES,CHIP | 1K | 5% | 1/10W |
| R658 | 1-216-097-91 | RES,CHIP | 100K | 5% | 1/10W |
| R659 | 1-216-033-00 | METAL CHIP | 220 | 5% | 1/10W |
| R701 | 1-216-049-91 | RES,CHIP | 1K | 5% | 1/10W |
| R702 | 1-216-097-91 | RES,CHIP | 100K | 5% | 1/10W |
| R703 | 1-216-049-91 | RES,CHIP | 1K | 5% | 1/10W |
| R704 | 1-216-097-91 | RES,CHIP | 100K | 5% | 1/10W |
| R705 | 1-216-049-91 | RES,CHIP | 1K | 5% | 1/10W |
| R706 | 1-216-097-91 | RES,CHIP | 100K | 5% | 1/10W |
| R721 | 1-216-022-00 | METAL CHIP | 75 | 5% | 1/10W |
| R722 | 1-216-015-00 | METAL CHIP | 39 | 5% | 1/10W |
| R724 | 1-216-073-00 | METAL CHIP | 10K | 5% | 1/10W |
| R751 | 1-216-049-91 | RES,CHIP | 1K | 5% | 1/10W |
| R752 | 1-216-097-91 | RES,CHIP | 100K | 5% | 1/10W |
| R753 | 1-216-049-91 | RES,CHIP | 1K | 5% | 1/10W |
| R754 | 1-216-097-91 | RES,CHIP | 100K | 5% | 1/10W |
| R755 | 1-216-049-91 | RES,CHIP | 1K | 5% | 1/10W |
| R756 | 1-216-097-91 | RES,CHIP | 100K | 5% | 1/10W |
| R801 | 1-216-049-91 | RES,CHIP | 1K | 5% | 1/10W |
| R802 | 1-216-065-91 | RES,CHIP | 4.7K | 5% | 1/10W |
| R803 | 1-216-025-91 | RES,CHIP | 100 | 5% | 1/10W |

| Ref. No. | Part No. | Description | | | Remark |
|---|---|---|---|---|---|
| R804 | 1-216-089-91 | RES,CHIP | 47K | 5% | 1/10W |
| R805 | 1-216-089-91 | RES,CHIP | 47K | 5% | 1/10W |
| R806 | 1-216-073-00 | METAL CHIP | 10K | 5% | 1/10W |
| R807 | 1-216-073-00 | METAL CHIP | 10K | 5% | 1/10W |
| R808 | 1-216-049-91 | RES,CHIP | 1K | 5% | 1/10W |
| R809 | 1-216-097-91 | RES,CHIP | 100K | 5% | 1/10W |
| R810 | 1-216-033-00 | METAL CHIP | 220 | 5% | 1/10W |
| R811 | 1-216-097-91 | RES,CHIP | 100K | 5% | 1/10W |
| R901 | 1-216-065-91 | RES,CHIP | 4.7K | 5% | 1/10W |
| R902 | 1-216-081-00 | METAL CHIP | 22K | 5% | 1/10W |
| R903 | 1-216-049-91 | RES,CHIP | 1K | 5% | 1/10W |
| R961 | 1-216-065-91 | RES,CHIP | 4.7K | 5% | 1/10W (DR7AV) |
| R962 | 1-216-079-00 | RES,CHIP | 18K | 5% | 1/10W (DR7AV) |
| R963 | 1-216-057-00 | METAL CHIP | 2.2K | 5% | 1/10W (DR7AV) |
| | | < VARIABLE RESISTOR > | | | |
| RV301 | 1-238-600-11 | RES, ADJ, CARBON 10K | | | |
| RV351 | 1-238-600-11 | RES, ADJ, CARBON 10K | | | |
| | | < VIBRATOR > | | | |
| X501 | 1-567-098-41 | VIBRATOR, CRYSTAL (32.768kHz) | | | |
| X502 | 1-781-107-21 | VIBRATOR, SERAMIC (16MHz) | | | |
| ********** | | | | | |
| * | A-4417-477-A | PA BOARD, COMPLETE (XB800AV) | | | |
| | | ********** | | | |
| * | A-4417-479-A | PA BOARD, COMPLETE (DR7AV) | | | |
| | | ********** | | | |
| | | < CAPACITOR > | | | |
| C401 | 1-126-963-11 | ELECT | 4.7uF | 20% | 50V |
| C402 | 1-164-159-11 | CERAMIC | 0.1uF | | 50V (XB800AV) |
| C403 | 1-164-159-11 | CERAMIC | 0.1uF | | 50V (XB800AV) |
| C404 | 1-164-159-11 | CERAMIC | 0.1uF | | 50V (XB800AV) |
| C405 | 1-164-159-11 | CERAMIC | 0.1uF | | 50V (XB800AV) |
| C406 | 1-164-159-11 | CERAMIC | 0.1uF | | 50V (XB800AV) |
| C407 | 1-164-159-11 | CERAMIC | 0.1uF | | 50V (XB800AV) |
| C410 | 1-164-159-11 | CERAMIC | 0.1uF | | 50V (XB800AV) |
| C411 | 1-164-159-11 | CERAMIC | 0.1uF | | 50V (XB800AV) |
| C412 | 1-161-494-00 | CERAMIC | 0.022uF | | 25V |
| C413 | 1-161-494-00 | CERAMIC | 0.022uF | | 25V |
| C414 | 1-161-494-00 | CERAMIC | 0.022uF | | 25V |
| C415 | 1-161-494-00 | CERAMIC | 0.022uF | | 25V |
| C416 | 1-161-494-00 | CERAMIC | 0.022uF | | 25V |
| C432 | 1-104-665-11 | ELECT | 100uF | 20% | 10V |
| C433 | 1-126-961-11 | ELECT | 2.2uF | 20% | 50V (XB800AV) |

| Ref. No. | Part No. | Description | | | Remark |
|---|---|---|---|---|---|
| C433 | 1-126-962-11 | ELECT | 3.3uF | 20% | 50V (DR7AV) |
| C801 | 1-128-582-11 | ELECT | 10uF | 20% | 100V |
| C802 | 1-162-292-31 | CERAMIC | 680PF | 10% | 50V |
| C803 | 1-162-286-31 | CERAMIC | 220PF | 10% | 50V |
| C804 | 1-126-967-11 | ELECT | 47uF | 20% | 50V |
| C807 | 1-128-560-11 | ELECT | 22uF | 20% | 100V |
| C808 | 1-130-777-00 | FILM | 0.1uF | 10% | 100V |
| C809 | 1-130-777-00 | FILM | 0.1uF | 10% | 100V |
| C810 | 1-128-562-11 | ELECT | 47uF | 20% | 100V (DR7AV) |
| C810 | 1-128-578-11 | ELECT | 1uF | 20% | 100V (XB800AV) |
| C811 | 1-130-493-00 | MYLAR | 0.068uF | 5% | 50V |
| C812 | 1-130-493-00 | MYLAR | 0.068uF | 5% | 50V |
| C813 | 1-161-494-00 | CERAMIC | 0.022uF | | 25V |
| C814 | 1-162-294-31 | CERAMIC | 0.001uF | 10% | 50V |
| C815 | 1-128-562-11 | ELECT | 47uF | 20% | 100V |
| C830 | 1-107-714-11 | ELECT | 10uF | 20% | 50V |
| C831 | 1-126-964-11 | ELECT | 10uF | 20% | 50V |
| C832 | 1-126-967-11 | ELECT | 47uF | 20% | 50V |
| C841 | 1-127-751-11 | ELECT | 3300uF | 20% | 50V (XB800AV) |
| C842 | 1-127-752-11 | ELECT | 3300uF | 20% | 63V (XB800AV) |
| C844 | 1-130-777-00 | FILM | 0.1uF | 10% | 100V |
| C845 | 1-126-943-11 | ELECT | 2200uF | 20% | 25V |
| C847 | 1-164-159-11 | CERAMIC | 0.1uF | | 50V |
| C848 | 1-164-159-11 | CERAMIC | 0.1uF | | 50V |
| C849 | 1-164-159-11 | CERAMIC | 0.1uF | | 50V |
| C850 | 1-107-721-11 | ELECT | 10uF | 20% | 100V |
| C851 | 1-128-582-11 | ELECT | 10uF | 20% | 100V |
| C852 | 1-162-292-31 | CERAMIC | 680PF | 10% | 50V |
| C853 | 1-162-286-31 | CERAMIC | 220PF | 10% | 50V |
| C854 | 1-126-967-11 | ELECT | 47uF | 20% | 50V |
| C857 | 1-128-560-11 | ELECT | 22uF | 20% | 100V |
| C858 | 1-164-159-11 | CERAMIC | 0.1uF | | 50V |
| C859 | 1-164-159-11 | CERAMIC | 0.1uF | | 50V |
| C861 | 1-130-493-00 | MYLAR | 0.068uF | 5% | 50V |
| C862 | 1-130-493-00 | MYLAR | 0.068uF | 5% | 50V |
| C863 | 1-126-961-11 | ELECT | 2.2uF | 20% | 50V (XB800AV) |
| C891 | 1-127-751-11 | ELECT | 3300uF | 20% | 50V (XB800AV) |
| C892 | 1-127-752-11 | ELECT | 3300uF | 20% | 63V (XB800AV) |
| C895 | 1-107-721-11 | ELECT | 10uF | 20% | 100V |
| C902 | 1-164-159-11 | CERAMIC | 0.1uF | | 50V (XB800AV) |
| C903 | 1-126-933-11 | ELECT | 100uF | 20% | 16V (XB800AV) |
| C904 | 1-126-964-11 | ELECT | 10uF | 20% | 50V |
| C905 | 1-126-948-11 | ELECT | 100uF | 20% | 35V |
| C906 | 1-126-768-11 | ELECT | 2200uF | 20% | 16V (XB800AV) |
| C908 | 1-164-159-11 | CERAMIC | 0.1uF | | 50V (XB800AV) |
| C909 | 1-164-159-11 | CERAMIC | 0.1uF | | 50V (XB800AV) |

**PA**

| Ref. No. | Part No. | Description | Remark |
|---|---|---|---|
| C962 | 1-128-563-11 | ELECT 100uF 20% | 100V (XB800AV) |
| | | < CONNECTOR > | |
| CN803 | 1-778-981-11 | CONNECTOR, BOARD TO BOARD 13P | |
| CN804 | 1-766-921-11 | CONNECTOR, BOARD TO BOARD 10P (DR7AV) | |
| * CN804 | 1-770-747-11 | CONNECTOR, BOARD TO BOARD 12P (XB800AV) | |
| | | < DIODE > | |
| D401 | 8-719-991-33 | DIODE 1SS133T-77 | |
| D402 | 8-719-991-33 | DIODE 1SS133T-77 | |
| D403 | 8-719-991-33 | DIODE 1SS133T-77 | |
| D405 | 8-719-991-33 | DIODE 1SS133T-77 | |
| D406 | 8-719-991-33 | DIODE 1SS133T-77 | |
| D407 | 8-719-991-33 | DIODE 1SS133T-77 | |
| D408 | 8-719-991-33 | DIODE 1SS133T-77 | |
| D410 | 8-719-991-33 | DIODE 1SS133T-77 | |
| D801 | 8-719-991-33 | DIODE 1SS133T-77 | |
| D802 | 8-719-110-06 | DIODE RD8.2ESB1 | |
| D803 | 8-719-991-33 | DIODE 1SS133T-77 | |
| D804 | 8-719-991-33 | DIODE 1SS133T-77 | |
| D805 | 8-719-991-33 | DIODE 1SS133T-77 | |
| D831 | 8-719-510-68 | DIODE D5SBA20F01 | |
| D833 | 8-719-200-82 | DIODE 11ES2 | |
| D834 | 8-719-200-82 | DIODE 11ES2 | |
| D835 | 8-719-200-82 | DIODE 11ES2 | |
| D836 | 8-719-200-82 | DIODE 11ES2 | |
| D841 | 8-719-200-82 | DIODE 11ES2 (XB800AV) | |
| D842 | 8-719-200-82 | DIODE 11ES2 (XB800AV) | |
| D843 | 8-719-200-82 | DIODE 11ES2 (XB800AV) | |
| D844 | 8-719-200-82 | DIODE 11ES2 (XB800AV) | |
| D851 | 8-719-991-33 | DIODE 1SS133T-77 | |
| D852 | 8-719-110-06 | DIODE RD8.2ESB1 | |
| D853 | 8-719-991-33 | DIODE 1SS133T-77 (XB800AV) | |
| D902 | 8-719-210-21 | DIODE 11EQS04 (XB800AV) | |
| D903 | 8-719-210-21 | DIODE 11EQS04 (XB800AV) | |
| D904 | 8-719-210-21 | DIODE 11EQS04 (XB800AV) | |
| D905 | 8-719-210-21 | DIODE 11EQS04 (XB800AV) | |
| D906 | 8-719-991-33 | DIODE 1SS133T-77 (XB800AV) | |
| D907 | 8-719-200-82 | DIODE 11ES2 (XB800AV) | |
| D908 | 8-719-200-82 | DIODE 11ES2 (XB800AV) | |
| D909 | 8-719-200-82 | DIODE 11ES2 (XB800AV) | |
| D910 | 8-719-200-82 | DIODE 11ES2 (XB800AV) | |
| D911 | 8-719-934-25 | DIODE HZS33-1L | |
| D912 | 8-719-109-89 | DIODE RD5.6ESB2 | |
| D913 | 8-719-991-33 | DIODE 1SS133T-77 (XB800AV) | |
| | | < IC > | |
| IC801 | 8-749-016-11 | IC STK411-230M (DR7AV) | |
| IC801 | 8-749-016-10 | IC STK411-220M (XB800AV) | |
| IC901 | 8-759-450-47 | IC BA05T (XB800AV) | |
| | | < COIL > | |
| L401 | 1-420-872-00 | COIL, AIR-CORE (XB800AV) | |
| L402 | 1-420-872-00 | COIL, AIR-CORE (XB800AV) | |
| L403 | 1-420-872-00 | COIL, AIR-CORE (XB800AV) | |
| L404 | 1-420-872-00 | COIL, AIR-CORE (XB800AV) | |
| L405 | 1-420-872-00 | COIL, AIR-CORE (XB800AV) | |
| | | < TRANSISTOR > | |
| Q401 | 8-729-029-21 | TRANSISTOR DTA114ESA | |
| Q402 | 8-729-140-84 | TRANSISTOR 2SC1841-PAFAEA | |
| Q403 | 8-729-029-21 | TRANSISTOR DTA114ESA | |
| Q407 | 8-729-029-66 | TRANSISTOR DTC114ESA | |
| Q431 | 8-729-140-84 | TRANSISTOR 2SC1841-PAFAEA | |
| Q432 | 8-729-119-76 | TRANSISTOR 2SA1175-HFE | |
| Q433 | 8-729-620-05 | TRANSISTOR 2SC2603-EF | |
| Q434 | 8-729-620-05 | TRANSISTOR 2SC2603-EF | |
| Q437 | 8-729-620-05 | TRANSISTOR 2SC2603-EF | |
| Q439 | 8-729-620-05 | TRANSISTOR 2SC2603-EF | |
| Q801 | 8-729-140-84 | TRANSISTOR 2SC1841-PAFAEA | |
| Q803 | 8-729-140-82 | TRANSISTOR 2SA988-PAFAEA | |
| Q804 | 8-729-140-84 | TRANSISTOR 2SC1841-PAFAEA | |
| Q805 | 8-729-141-30 | TRANSISTOR 2SC3623A-LK | |
| Q831 | 8-729-029-86 | TRANSISTOR DTC124ESA | |
| Q832 | 8-729-620-05 | TRANSISTOR 2SC2603-EF | |
| Q833 | 8-729-029-40 | TRANSISTOR DTA124ESA | |
| Q834 | 8-729-140-84 | TRANSISTOR 2SC1841-PAFAEA | |
| Q851 | 8-729-140-84 | TRANSISTOR 2SC1841-PAFAEA | |
| Q855 | 8-729-141-30 | TRANSISTOR 2SC3623A-LK | |
| Q901 | 8-729-620-05 | TRANSISTOR 2SC2603-EF (XB800AV) | |
| Q902 | 8-729-040-19 | TRANSISTOR RT1N137L-TP (XB800AV) | |
| Q903 | 8-729-048-52 | TRANSISTOR 2SA1932 (DR7AV) | |
| Q903 | 8-729-118-01 | TRANSISTOR 2SB1116-K (XB800AV) | |
| Q904 | 8-729-620-05 | TRANSISTOR 2SC2603-EF (DR7AV) | |
| Q905 | 8-729-048-13 | TRANSISTOR 2SC3616-KLM-T1 (XB800AV) | |
| Q906 | 8-729-029-21 | TRANSISTOR DTA114ESA-TP (XB800AV) | |
| Q907 | 8-729-029-21 | TRANSISTOR DTA114ESA-TP (XB800AV) | |
| | | < RESISTOR > | |
| ⚠ R401 | 1-216-453-11 | METAL 270 1% | 2W (DR7AV) |
| ⚠ R401 | 1-215-888-11 | METAL OXIDE 220 5% | 2W F (XB800AV) |
| ⚠ R402 | 1-216-453-11 | METAL 270 1% | 2W (DR7AV) |
| ⚠ R402 | 1-215-888-11 | METAL OXIDE 220 5% | 2W F (XB800AV) |
| R406 | 1-249-437-11 | CARBON 47K 5% | 1/4W |
| R407 | 1-249-437-11 | CARBON 47K 5% | 1/4W |
| R408 | 1-249-440-11 | CARBON 82K 5% | 1/4W |
| R409 | 1-249-437-11 | CARBON 47K 5% | 1/4W |
| R410 | 1-249-389-11 | CARBON 4.7 5% | 1/4W F (XB800AV) |
| R411 | 1-249-389-11 | CARBON 4.7 5% | 1/4W F (XB800AV) |
| R412 | 1-249-389-11 | CARBON 4.7 5% | 1/4W F (XB800AV) |
| R413 | 1-249-389-11 | CARBON 4.7 5% | 1/4W F (XB800AV) |
| R414 | 1-260-076-11 | CARBON 10 5% | 1/2W (XB800AV) |
| R415 | 1-260-076-11 | CARBON 10 5% | 1/2W (XB800AV) |
| R416 | 1-249-389-11 | CARBON 4.7 5% | 1/4W F (XB800AV) |

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety.
Replace only with part number specified.

| Ref. No. | Part No. | Description | | | Remark |
|---|---|---|---|---|---|
| R417 | 1-249-389-11 | CARBON | 4.7 | 5% | 1/4W F (XB800AV) |
| R420 | 1-249-389-11 | CARBON | 4.7 | 5% | 1/4W F (XB800AV) |
| R421 | 1-249-389-11 | CARBON | 4.7 | 5% | 1/4W F (XB800AV) |
| R422 | 1-260-076-11 | CARBON | 10 | 5% | 1/2W (XB800AV) |
| R424 | 1-260-076-11 | CARBON | 10 | 5% | 1/2W (XB800AV) |
| R425 | 1-249-437-11 | CARBON | 47K | 5% | 1/4W |
| R429 | 1-249-437-11 | CARBON | 47K | 5% | 1/4W |
| R431 | 1-249-438-11 | CARBON | 56K | 5% | 1/4W |
| R432 | 1-249-437-11 | CARBON | 47K | 5% | 1/4W |
| R434 | 1-247-863-91 | CARBON | 22K | 5% | 1/4W |
| R435 | 1-249-425-11 | CARBON | 4.7K | 5% | 1/4W F |
| R437 | 1-249-429-11 | CARBON | 10K | 5% | 1/4W |
| R439 | 1-249-425-11 | CARBON | 4.7K | 5% | 1/4W F |
| R440 | 1-247-863-91 | CARBON | 22K | 5% | 1/4W (DR7AV) |
| R440 | 1-249-437-11 | CARBON | 47K | 5% | 1/4W (XB800AV) |
| R441 | 1-249-435-11 | CARBON | 33K | 5% | 1/4W |
| R442 | 1-249-435-11 | CARBON | 33K | 5% | 1/4W |
| R443 | 1-249-434-11 | CARBON | 27K | 5% | 1/4W |
| R446 | 1-249-429-11 | CARBON | 10K | 5% | 1/4W |
| R447 | 1-249-437-11 | CARBON | 47K | 5% | 1/4W |
| R801 | 1-249-417-11 | CARBON | 1K | 5% | 1/4W F |
| R802 | 1-249-437-11 | CARBON | 47K | 5% | 1/4W |
| R803 | 1-247-827-11 | CARBON | 680 | 5% | 1/4W F |
| R804 | 1-247-759-11 | CARBON | 3.9K | 5% | 1/2W |
| ⚠R805 | 1-216-436-00 | METAL OXIDE | 3.9K | 5% | 1W |
| ⚠R806 | 1-216-436-00 | METAL OXIDE | 3.9K | 5% | 1W |
| ⚠R807 | 1-212-881-11 | FUSIBLE | 100 | 5% | 1/4W F |
| R809 | 1-260-076-11 | CARBON | 10 | 5% | 1/2W |
| R810 | 1-249-437-11 | CARBON | 47K | 5% | 1/4W |
| R811 | 1-249-417-11 | CARBON | 1K | 5% | 1/4W F |
| R812 | 1-249-431-11 | CARBON | 15K | 5% | 1/4W |
| R813 | 1-249-441-11 | CARBON | 100K | 5% | 1/4W |
| R814 | 1-249-421-11 | CARBON | 2.2K | 5% | 1/4W F |
| R815 | 1-247-863-91 | CARBON | 22K | 5% | 1/4W |
| R816 | 1-249-429-11 | CARBON | 10K | 5% | 1/4W |
| R817 | 1-249-421-11 | CARBON | 2.2K | 5% | 1/4W F |
| R818 | 1-249-417-11 | CARBON | 1K | 5% | 1/4W F |
| R819 | 1-249-439-11 | CARBON | 68K | 5% | 1/4W |
| ⚠R820 | 1-202-972-61 | FUSIBLE | 1 | 5% | 1/4W F |
| R821 | 1-249-435-11 | CARBON | 33K | 5% | 1/4W |
| R822 | 1-247-863-91 | CARBON | 22K | 5% | 1/4W |
| R823 | 1-247-863-91 | CARBON | 22K | 5% | 1/4W |
| R824 | 1-249-416-11 | CARBON | 820 | 5% | 1/4W F (XB800AV) |
| R824 | 1-249-418-11 | CARBON | 1.2K | 5% | 1/4W F (DR7AV) |
| ⚠R825 | 1-215-891-11 | METAL OXIDE | 680 | 5% | 2W F |
| R827 | 1-249-441-11 | CARBON | 100K | 5% | 1/4W |
| R828 | 1-247-903-00 | CARBON | 1M | 5% | 1/4W |
| R831 | 1-249-441-11 | CARBON | 100K | 5% | 1/4W |
| R832 | 1-249-441-11 | CARBON | 100K | 5% | 1/4W |
| R833 | 1-249-441-11 | CARBON | 100K | 5% | 1/4W |

| Ref. No. | Part No. | Description | | | Remark |
|---|---|---|---|---|---|
| R835 | 1-249-437-11 | CARBON | 47K | 5% | 1/4W |
| R836 | 1-249-417-11 | CARBON | 1K | 5% | 1/4W F |
| R837 | 1-249-435-11 | CARBON | 33K | 5% | 1/4W |
| R838 | 1-249-435-11 | CARBON | 33K | 5% | 1/4W |
| ⚠R839 | 1-215-877-11 | METAL OXIDE | 22K | 5% | 1W F |
| R840 | 1-249-402-11 | CARBON | 56 | 5% | 1/4W F |
| ⚠R842 | 1-202-972-61 | FUSIBLE | 1 | 5% | 1/4W F |
| R851 | 1-249-417-11 | CARBON | 1K | 5% | 1/4W F |
| R852 | 1-249-437-11 | CARBON | 47K | 5% | 1/4W |
| R853 | 1-247-827-11 | CARBON | 680 | 5% | 1/4W F |
| ⚠R855 | 1-215-891-11 | METAL OXIDE | 680 | 5% | 2W F |
| ⚠R857 | 1-212-881-11 | FUSIBLE | 100 | 5% | 1/4W F |
| R859 | 1-260-076-11 | CARBON | 10 | 5% | 1/2W |
| R860 | 1-249-437-11 | CARBON | 47K | 5% | 1/4W |
| R861 | 1-249-417-11 | CARBON | 1K | 5% | 1/4W F |
| R862 | 1-249-431-11 | CARBON | 15K | 5% | 1/4W |
| R863 | 1-249-441-11 | CARBON | 100K | 5% | 1/4W |
| R864 | 1-249-425-11 | CARBON | 4.7K | 5% | 1/4W F (XB800AV) |
| R865 | 1-247-863-91 | CARBON | 22K | 5% | 1/4W (XB800AV) |
| R868 | 1-249-417-11 | CARBON | 1K | 5% | 1/4W F |
| R880 | 1-249-402-11 | CARBON | 56 | 5% | 1/4W F |
| ⚠R889 | 1-215-877-11 | METAL OXIDE | 22K | 5% | 1W F |
| R901 | 1-249-429-11 | CARBON | 10K | 5% | 1/4W (XB800AV) |
| ⚠R902 | 1-215-916-00 | METAL | 680 | 5% | 3W (DR7AV) |
| R903 | 1-249-429-11 | CARBON | 10K | 5% | 1/4W |
| R904 | 1-249-417-11 | CARBON | 1K | 5% | 1/4W F |
| R905 | 1-249-429-11 | CARBON | 10K | 5% | 1/4W |
| R906 | 1-247-807-31 | CARBON | 100 | 5% | 1/4W |
| R907 | 1-247-807-31 | CARBON | 100 | 5% | 1/4W |
| R908 | 1-247-807-31 | CARBON | 100 | 5% | 1/4W (XB800AV) |
| R909 | 1-247-791-31 | CARBON | 22 | 5% | 1/4W (DR7AV) |
| R911 | 1-249-429-11 | CARBON | 10K | 5% | 1/4W (XB800AV) |
| R912 | 1-249-429-11 | CARBON | 10K | 5% | 1/4W (XB800AV) |
| | | < RELAY > | | | |
| RY401 | 1-515-920-11 | RELAY (24V) | | | |
| RY402 | 1-515-920-11 | RELAY (24V) | | | |
| | | < TERMINAL > | | | |
| TM401 | 1-537-842-11 | TERMINAL BOARD (FRONT SPEAKER) | | | |
| TM402 | 1-537-510-11 | TERMINAL BOARD (SPEAKER)(6P) (SURROUND SPEAKER) | | | |

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The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety.
Replace only with part number specified.

# PANEL FL

| Ref. No. | Part No. | Description | | | | Remark |
|---|---|---|---|---|---|---|
| * | A-4417-490-A | PANEL FL BOARD, COMPLETE (XB800AV) | | | | |
| | | ************************* | | | | |
| * | A-4417-570-A | PANEL FL BOARD, COMPLETE (DR7AV) | | | | |
| | | ************************* | | | | |
| * | 4-214-749-01 | HOLDER (925), FL TUBE | | | | |
| * | 4-949-935-81 | CUSHION (FL) | | | | |
| | | < CAPACITOR > | | | | |
| C601 | 1-104-664-11 | ELECT | 47uF | 20% | 10V | |
| C602 | 1-162-306-11 | CERAMIC | 0.01uF | 20% | 16V | |
| C604 | 1-126-960-11 | ELECT | 1uF | 20% | 50V | |
| C606 | 1-126-960-11 | ELECT | 1uF | 20% | 50V | |
| C608 | 1-104-665-11 | ELECT | 100uF | 20% | 10V | |
| C609 | 1-162-294-31 | CERAMIC | 0.001uF | 10% | 50V | |
| C613 | 1-104-664-11 | ELECT | 47uF | 20% | 16V | |
| C616 | 1-162-294-31 | CERAMIC | 0.001uF | 10% | 50V | |
| C617 | 1-162-306-11 | CERAMIC | 0.01uF | 20% | 16V | |
| C621 | 1-126-964-11 | ELECT | 10uF | 20% | 50V | |
| C622 | 1-162-303-11 | CERAMIC | 0.0033uF | 30% | 16V | |
| C623 | 1-126-964-11 | ELECT | 10uF | 20% | 50V | |
| C624 | 1-104-664-11 | ELECT | 47uF | 20% | 16V | |
| C625 | 1-126-963-11 | ELECT | 4.7uF | 20% | 50V | |
| C626 | 1-126-964-11 | ELECT | 10uF | 20% | 50V | |
| C641 | 1-162-286-21 | CERAMIC | 220PF | 10% | 50V | |
| C642 | 1-162-286-21 | CERAMIC | 220PF | 10% | 50V | |
| C643 | 1-162-286-21 | CERAMIC | 220PF | 10% | 50V | |
| C644 | 1-162-286-21 | CERAMIC | 220PF | 10% | 50V | |
| C645 | 1-162-286-21 | CERAMIC | 220PF | 10% | 50V | |
| C646 | 1-162-286-21 | CERAMIC | 220PF | 10% | 50V | |
| C647 | 1-162-286-21 | CERAMIC | 220PF | 10% | 50V | |
| C648 | 1-162-286-21 | CERAMIC | 220PF | 10% | 50V | |
| C649 | 1-162-286-21 | CERAMIC | 220PF | 10% | 50V | |
| C650 | 1-162-286-21 | CERAMIC | 220PF | 10% | 50V | |
| C651 | 1-162-286-21 | CERAMIC | 220PF | 10% | 50V | |
| C652 | 1-162-286-21 | CERAMIC | 220PF | 10% | 50V | |
| C653 | 1-162-286-21 | CERAMIC | 220PF | 10% | 50V | |
| C654 | 1-162-286-21 | CERAMIC | 220PF | 10% | 50V | |
| C655 | 1-162-286-21 | CERAMIC | 220PF | 10% | 50V | |
| C656 | 1-162-286-21 | CERAMIC | 220PF | 10% | 50V | |
| | | < CONNECTOR > | | | | |
| CN601 | 1-784-776-11 | CONNECTOR, FFC 15P | | | | |
| CN602 | 1-784-737-11 | CONNECTOR, FFC 15P | | | | |
| | | < DIODE > | | | | |
| D601 | 8-719-071-44 | DIODE SELS5223C-TP15 (STAND-BY) | | | | |
| D602 | 8-719-058-04 | DIODE SEL5223S-TP15 (DAILY) | | | | |
| D603 | 8-719-058-04 | DIODE SEL5223S-TP15 (REC) | | | | |
| D604 | 8-719-058-04 | DIODE SEL5223S-TP15 (SYNC EQ) | | | | |
| D605 | 8-719-058-04 | DIODE SEL5223S-TP15 (SYNC BASS) | | | | |
| D606 | 8-719-058-03 | DIODE SEL5423E-TP15 (TUNER/BAND) | | | | |
| D607 | 8-719-058-04 | DIODE SEL5223S-TP15 (ENT/NEX) | | | | |
| D608 | 8-719-050-84 | DIODE RB441Q-40T-77 | | | | |

| Ref. No. | Part No. | Description | | | | Remark |
|---|---|---|---|---|---|---|
| | | < FLUORESCENT INDICATOR > | | | | |
| FL601 | 1-517-839-11 | INDICATOR TUBE, FLUORESCENT | | | | |
| | | < IC > | | | | |
| IC601 | 8-759-571-93 | IC TMP88CS76F-6000 (DR7AV) | | | | |
| IC601 | 8-759-589-13 | IC TMP88CS76F-6004 (XB800AV) | | | | |
| IC602 | 8-759-459-86 | IC NJL64H400A | | | | |
| IC603 | 8-759-083-77 | IC BA3830F | | | | |
| IC604 | 8-759-567-59 | IC NJU3716L | | | | |
| | | < COIL > | | | | |
| L601 | 1-410-517-11 | INDUCTOR | 47uH | | | |
| L602 | 1-410-517-11 | INDUCTOR | 47uH | | | |
| L603 | 1-410-517-11 | INDUCTOR | 47uH | | | |
| L604 | 1-410-509-11 | INDUCTOR | 10uH | | | |
| | | < LINE FILTER > | | | | |
| LF601 | 1-424-228-11 | FILTER, NOISE | | | | |
| | | < TRANSISTOR > | | | | |
| Q601 | 8-729-620-05 | TRANSISTOR 2SC2603-EF | | | | |
| Q602 | 8-729-118-00 | TRANSISTOR 2SB1116-L | | | | |
| Q603 | 8-729-118-00 | TRANSISTOR 2SB1116-L | | | | |
| Q605 | 8-729-029-23 | TRANSISTOR DTA114TSA-TP | | | | |
| Q606 | 8-729-029-23 | TRANSISTOR DTA114TSA-TP | | | | |
| Q607 | 8-729-029-23 | TRANSISTOR DTA114TSA-TP | | | | |
| Q608 | 8-729-047-58 | TRANSISTOR DTC114TLT2 | | | | |
| Q609 | 8-729-047-58 | TRANSISTOR DTC114TLT2 | | | | |
| Q610 | 8-729-047-58 | TRANSISTOR DTC114TLT2 | | | | |
| | | < RESISTOR > | | | | |
| R601 | 1-247-893-11 | CARBON | 390K | 5% | 1/4W | |
| R602 | 1-247-893-11 | CARBON | 390K | 5% | 1/4W | |
| R603 | 1-249-441-11 | CARBON | 100K | 5% | 1/4W | |
| R604 | 1-249-441-11 | CARBON | 100K | 5% | 1/4W | |
| R605 | 1-247-807-31 | CARBON | 100 | 5% | 1/4W | |
| R608 | 1-249-435-11 | CARBON | 33K | 5% | 1/4W | |
| R609 | 1-247-895-91 | CARBON | 470K | 5% | 1/4W | |
| R610 | 1-249-401-11 | CARBON | 47 | 5% | 1/4W | F |
| R611 | 1-249-429-11 | CARBON | 10K | 5% | 1/4W | |
| R612 | 1-247-807-31 | CARBON | 100 | 5% | 1/4W | |
| R613 | 1-247-807-31 | CARBON | 100 | 5% | 1/4W | |
| R614 | 1-247-807-31 | CARBON | 100 | 5% | 1/4W | |
| R615 | 1-249-429-11 | CARBON | 10K | 5% | 1/4W | |
| R616 | 1-249-429-11 | CARBON | 10K | 5% | 1/4W | |
| R617 | 1-249-429-11 | CARBON | 10K | 5% | 1/4W | |
| R618 | 1-249-429-11 | CARBON | 10K | 5% | 1/4W | |
| R619 | 1-249-429-11 | CARBON | 10K | 5% | 1/4W | |
| R620 | 1-249-429-11 | CARBON | 10K | 5% | 1/4W | |
| R621 | 1-249-429-11 | CARBON | 10K | 5% | 1/4W | |
| R622 | 1-249-429-11 | CARBON | 10K | 5% | 1/4W | |
| R623 | 1-247-903-00 | CARBON | 1M | 5% | 1/4W | |
| R624 | 1-247-807-31 | CARBON | 100 | 5% | 1/4W | |
| R625 | 1-247-807-31 | CARBON | 100 | 5% | 1/4W | |
| R626 | 1-249-429-11 | CARBON | 10K | 5% | 1/4W | |
| R627 | 1-247-807-31 | CARBON | 100 | 5% | 1/4W | |

| Ref. No. | Part No. | Description | | | Remark |
|---|---|---|---|---|---|
| R628 | 1-249-429-11 | CARBON | 10K | 5% | 1/4W |
| R629 | 1-247-807-31 | CARBON | 100 | 5% | 1/4W |
| R630 | 1-249-429-11 | CARBON | 10K | 5% | 1/4W |
| R631 | 1-249-410-11 | CARBON | 270 | 5% | 1/4W F |
| R632 | 1-249-411-11 | CARBON | 330 | 5% | 1/4W |
| R633 | 1-249-413-11 | CARBON | 470 | 5% | 1/4W F |
| R634 | 1-249-414-11 | CARBON | 560 | 5% | 1/4W F |
| R635 | 1-249-415-11 | CARBON | 680 | 5% | 1/4W F |
| R636 | 1-249-417-11 | CARBON | 1K | 5% | 1/4W F |
| R637 | 1-249-418-11 | CARBON | 1.2K | 5% | 1/4W F |
| R638 | 1-249-420-11 | CARBON | 1.8K | 5% | 1/4W F |
| R639 | 1-249-422-11 | CARBON | 2.7K | 5% | 1/4W F |
| R640 | 1-247-843-11 | CARBON | 3.3K | 5% | 1/4W |
| R641 | 1-249-425-11 | CARBON | 4.7K | 5% | 1/4W F |
| R642 | 1-249-427-11 | CARBON | 6.8K | 5% | 1/4W F |
| R643 | 1-249-429-11 | CARBON | 10K | 5% | 1/4W |
| R644 | 1-249-431-11 | CARBON | 15K | 5% | 1/4W |
| R645 | 1-249-434-11 | CARBON | 27K | 5% | 1/4W |
| R647 | 1-249-410-11 | CARBON | 270 | 5% | 1/4W F |
| R648 | 1-249-411-11 | CARBON | 330 | 5% | 1/4W |
| R649 | 1-249-413-11 | CARBON | 470 | 5% | 1/4W F |
| R650 | 1-249-414-11 | CARBON | 560 | 5% | 1/4W F |
| R651 | 1-249-415-11 | CARBON | 680 | 5% | 1/4W F |
| R652 | 1-249-437-11 | CARBON | 47K | 5% | 1/4W |
| R653 | 1-249-417-11 | CARBON | 1K | 5% | 1/4W F |
| R654 | 1-249-437-11 | CARBON | 47K | 5% | 1/4W |
| R655 | 1-249-417-11 | CARBON | 1K | 5% | 1/4W F |
| R656 | 1-249-438-11 | CARBON | 56K | 5% | 1/4W |
| R659 | 1-249-411-11 | CARBON | 330 | 5% | 1/4W |
| R660 | 1-249-411-11 | CARBON | 330 | 5% | 1/4W |
| R661 | 1-249-412-11 | CARBON | 390 | 5% | 1/4W F |
| R662 | 1-249-407-11 | CARBON | 150 | 5% | 1/4W F |
| R663 | 1-247-804-11 | CARBON | 75 | 5% | 1/4W |
| R664 | 1-249-407-11 | CARBON | 150 | 5% | 1/4W F |
| R665 | 1-249-441-11 | CARBON | 100K | 5% | 1/4W |
| R666 | 1-249-441-11 | CARBON | 100K | 5% | 1/4W |
| R667 | 1-249-441-11 | CARBON | 100K | 5% | 1/4W |
| R668 | 1-249-429-11 | CARBON | 10K | 5% | 1/4W |
| R669 | 1-249-393-11 | CARBON | 10 | 5% | 1/4W F |
| R670 | 1-249-393-11 | CARBON | 10 | 5% | 1/4W F |
| R671 | 1-249-393-11 | CARBON | 10 | 5% | 1/4W F |
| R672 | 1-249-393-11 | CARBON | 10 | 5% | 1/4W F |
| R673 | 1-249-393-11 | CARBON | 10 | 5% | 1/4W F |
| R674 | 1-249-393-11 | CARBON | 10 | 5% | 1/4W F |
| R675 | 1-249-393-11 | CARBON | 10 | 5% | 1/4W F |
| R676 | 1-249-393-11 | CARBON | 10 | 5% | 1/4W F |
| R677 | 1-249-393-11 | CARBON | 10 | 5% | 1/4W F |
| R678 | 1-249-393-11 | CARBON | 10 | 5% | 1/4W F |
| R679 | 1-249-393-11 | CARBON | 10 | 5% | 1/4W F |
| R680 | 1-249-420-11 | CARBON | 1.8K | 5% | 1/4W F |
| R681 | 1-249-440-11 | CARBON | 82K | 5% | 1/4W |
| R682 | 1-249-420-11 | CARBON | 1.8K | 5% | 1/4W F |
| R683 | 1-249-437-11 | CARBON | 47K | 5% | 1/4W |
| R684 | 1-249-440-11 | CARBON | 82K | 5% | 1/4W |
| R685 | 1-249-429-11 | CARBON | 10K | 5% | 1/4W |

| Ref. No. | Part No. | Description | Remark |
|---|---|---|---|
| | | < SWITCH > | |
| S601 | 1-554-303-21 | SWITCH, TACTILE (POWER SAVE/DEMO (STANDBY)) | |
| S602 | 1-554-303-21 | SWITCH, TACTILE (ECO) | |
| S603 | 1-554-303-21 | SWITCH, TACTILE (DISPLAY) | |
| S604 | 1-554-303-21 | SWITCH, TACTILE (SPECTRUM ANALYZER) | |
| S605 | 1-554-303-21 | SWITCH, TACTILE (PTY)(XB800AV) | |
| S606 | 1-554-303-21 | SWITCH, TACTILE (TUNING/MODE) | |
| S607 | 1-554-303-21 | SWITCH, TACTILE (STEREO/MONO) | |
| S608 | 1-554-303-21 | SWITCH, TACTILE (ENTER/NEXT) | |
| S609 | 1-554-303-21 | SWITCH, TACTILE (TUNING/BAND) | |
| S610 | 1-554-303-21 | SWITCH, TACTILE (TUNING +) | |
| S611 | 1-554-303-21 | SWITCH, TACTILE (TUNING -) | |
| S612 | 1-554-303-21 | SWITCH, TACTILE (FUNCTION) | |
| S613 | 1-554-303-21 | SWITCH, TACTILE (TUNER MEMORY) | |
| S614 | 1-554-303-21 | SWITCH, TACTILE (SYNC EQ) | |
| S615 | 1-554-303-21 | SWITCH, TACTILE (SYNC BASS) | |
| S617 | 1-554-303-21 | SWITCH, TACTILE (DAILY) | |
| S618 | 1-554-303-21 | SWITCH, TACTILE (REC) | |
| S619 | 1-554-303-21 | SWITCH, TACTILE (SLEEP) | |
| S620 | 1-554-303-21 | SWITCH, TACTILE (◴/CLOCK SET) | |
| | | < VIBRATOR > | |
| X601 | 1-781-312-11 | VIBRATOR, CERAMIC (12.5MHz) | |
| ********** | | | |
| * | A-4417-502-A | PANEL VR BOARD, COMPLETE | |
| | | ********** | |
| | | < CAPACITOR > | |
| C610 | 1-162-306-11 | CERAMIC 0.01uF 20% 16V | |
| C611 | 1-162-306-11 | CERAMIC 0.01uF 20% 16V | |
| C612 | 1-164-159-21 | CERAMIC 0.1uF 50V | |
| | | < CONNECTOR > | |
| CN701 | 1-784-776-11 | CONNECTOR, FFC 15P | |
| | | < DIODE > | |
| D611 | 8-719-058-04 | DIODE SEL5223S-TP15 (GROOVE) | |
| D612 | 8-719-058-04 | DIODE SEL5223S-TP15 (SUPER WOOFER) | |
| D613 | 8-719-057-97 | DIODE SEL5923A-TP15 (PRO LOGIC) | |
| D616 | 8-719-058-04 | DIODE SEL5223S-TP15 (ENTER) | |
| D617 | 8-719-058-04 | DIODE SEL5223S-TP15 (DSP) | |
| D618 | 8-719-058-04 | DIODE SEL5223S-TP15 (EFFECT) | |
| D619 | 8-719-075-54 | DIODE SLR-325YCT31-NP (MENU2) | |
| D620 | 8-719-075-54 | DIODE SLR-325YCT31-NP (MENU1) | |
| D621 | 8-719-075-54 | DIODE SLR-325YCT31-NP (P.FILE) | |
| D623 | 8-719-075-54 | DIODE SLR-325YCT31-NP (FILE5) | |
| D624 | 8-719-075-54 | DIODE SLR-325YCT31-NP (FILE4) | |
| D625 | 8-719-075-54 | DIODE SLR-325YCT31-NP (FILE3) | |
| D626 | 8-719-075-54 | DIODE SLR-325YCT31-NP (FILE2) | |
| D627 | 8-719-075-54 | DIODE SLR-325YCT31-NP (FILE1) | |
| | | < RESISTOR > | |
| R761 | 1-249-410-11 | CARBON 270 5% 1/4W F | |
| R762 | 1-249-411-11 | CARBON 330 5% 1/4W | |

| Ref. No. | Part No. | Description | | | Remark |
|---|---|---|---|---|---|
| R763 | 1-249-413-11 | CARBON | 470 | 5% | 1/4W F |
| R764 | 1-249-414-11 | CARBON | 560 | 5% | 1/4W F |
| R765 | 1-249-415-11 | CARBON | 680 | 5% | 1/4W F |
| R766 | 1-249-417-11 | CARBON | 1K | 5% | 1/4W F |
| R767 | 1-249-418-11 | CARBON | 1.2K | 5% | 1/4W F |
| R768 | 1-249-420-11 | CARBON | 1.8K | 5% | 1/4W F |
| R769 | 1-249-422-11 | CARBON | 2.7K | 5% | 1/4W F |
| R770 | 1-247-843-11 | CARBON | 3.3K | 5% | 1/4W |
| R771 | 1-249-425-11 | CARBON | 4.7K | 5% | 1/4W F |
| R772 | 1-249-427-11 | CARBON | 6.8K | 5% | 1/4W F |
| R773 | 1-249-429-11 | CARBON | 10K | 5% | 1/4W |
| R774 | 1-249-431-11 | CARBON | 15K | 5% | 1/4W |
| R775 | 1-249-434-11 | CARBON | 27K | 5% | 1/4W |
| R776 | 1-249-438-11 | CARBON | 56K | 5% | 1/4W |
| R777 | 1-247-818-91 | CARBON | 300 | 5% | 1/4W |
| R778 | 1-249-407-11 | CARBON | 150 | 5% | 1/4W F |
| R779 | 1-249-403-11 | CARBON | 68 | 5% | 1/4W F |
| R782 | 1-249-407-11 | CARBON | 150 | 5% | 1/4W F |
| R783 | 1-249-407-11 | CARBON | 150 | 5% | 1/4W F |
| R784 | 1-249-407-11 | CARBON | 150 | 5% | 1/4W F |
| R785 | 1-249-407-11 | CARBON | 150 | 5% | 1/4W F |
| R786 | 1-249-407-11 | CARBON | 150 | 5% | 1/4W F |
| R787 | 1-249-407-11 | CARBON | 150 | 5% | 1/4W F |
| R789 | 1-249-407-11 | CARBON | 150 | 5% | 1/4W F |
| R790 | 1-249-407-11 | CARBON | 150 | 5% | 1/4W F |
| R791 | 1-249-407-11 | CARBON | 150 | 5% | 1/4W F |
| R792 | 1-249-407-11 | CARBON | 150 | 5% | 1/4W F |
| R793 | 1-249-407-11 | CARBON | 150 | 5% | 1/4W F |
| R794 | 1-249-417-11 | CARBON | 1K | 5% | 1/4W F |
| R795 | 1-249-417-11 | CARBON | 1K | 5% | 1/4W F |
| | | < SWITCH > | | | |
| S625 | 1-771-215-11 | SWITCH, TACTILE (GEQ ⇦ ⇧ ⇧ ⇨) | | | |
| S626 | 1-554-303-21 | SWITCH, TACTILE (GROOVE) | | | |
| S627 | 1-554-303-21 | SWITCH, TACTILE (SUPER WOOFER) | | | |
| S628 | 1-554-303-21 | SWITCH, TACTILE (MODE) | | | |
| S629 | 1-554-303-21 | SWITCH, TACTILE (PRO LOGIC) | | | |
| S632 | 1-554-303-21 | SWITCH, TACTILE (KARAOKE PON/MPX) | | | |
| S633 | 1-554-303-21 | SWITCH, TACTILE (ENTER) | | | |
| S634 | 1-554-303-21 | SWITCH, TACTILE (GEQ CONTROL) | | | |
| S635 | 1-554-303-21 | SWITCH, TACTILE (DSP) | | | |
| S636 | 1-554-303-21 | SWITCH, TACTILE (EFFECT) | | | |
| S637 | 1-554-303-21 | SWITCH, TACTILE (P.FILE MEMORY) | | | |
| S701 | 1-473-392-11 | ENCODER, ROTARY (VOLUME) | | | |

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|---|---|---|---|---|---|
| * | 1-672-432-11 | SUB TRANS BOARD (XB800AV) | | | |
| | | ********** | | | |
| | | < CAPACITOR > | | | |
| ⚠C901 | 1-113-925-11 | CERAMIC | 0.01uF | 20% | 250V |
| | | < CONNECTOR > | | | |
| * CN901 | 1-580-230-11 | PIN, CONNECTOR (PC BOARD) 2P | | | |
| CN902 | 1-564-321-00 | PIN, CONNECTOR 2P | | | |

| Ref. No. | Part No. | Description | | | Remark |
|---|---|---|---|---|---|
| | | < DIODE > | | | |
| D901 | 8-719-991-33 | DIODE 1SS133T-77 | | | |
| | | < RELAY > | | | |
| ⚠RY901 | 1-755-276-11 | RELAY, POWER | | | |
| | | < TRANSFORMER > | | | |
| ⚠T901 | 1-433-619-11 | TRANSFORMER, POWER | | | |

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|---|---|---|---|---|---|
| * | A-4417-501-A | SURROUND AMP BOARD, COMPLETE | | | |
| | | ********** | | | |
| | | < CAPACITOR > | | | |
| C101 | 1-128-582-11 | ELECT | 10uF | 20% | 100V |
| C102 | 1-162-286-21 | CERAMIC | 220PF | 10% | 50V |
| C103 | 1-162-282-31 | CERAMIC | 100PF | 10% | 50V |
| C104 | 1-126-967-11 | ELECT | 47uF | 20% | 50V |
| C105 | 1-136-165-00 | FILM | 0.1uF | 5% | 50V |
| C106 | 1-136-165-00 | FILM | 0.1uF | 5% | 50V |
| C107 | 1-128-560-11 | ELECT | 22uF | 20% | 100V |
| C108 | 1-136-495-11 | FILM | 0.068uF | 5% | 50V |
| C109 | 1-136-495-11 | FILM | 0.068uF | 5% | 50V |
| C111 | 1-128-562-11 | ELECT | 47uF | 20% | 100V |
| C113 | 1-161-494-00 | CERAMIC | 0.022uF | | 25V |
| C114 | 1-162-294-31 | CERAMIC | 0.001uF | 10% | 50V |
| C151 | 1-128-582-11 | ELECT | 10uF | 20% | 100V |
| C152 | 1-162-286-21 | CERAMIC | 220PF | 10% | 50V |
| C153 | 1-162-282-31 | CERAMIC | 100PF | 10% | 50V |
| C154 | 1-126-967-11 | ELECT | 47uF | 20% | 50V |
| C157 | 1-128-560-11 | ELECT | 22uF | 20% | 100V |
| C158 | 1-136-495-11 | FILM | 0.068uF | 5% | 50V |
| C159 | 1-136-495-11 | FILM | 0.068uF | 5% | 50V |
| | | < CONNECTOR > | | | |
| CN101 | 1-691-771-11 | PLUG (MICRO CONNECTOR) 9P | | | |
| CN102 | 1-691-766-11 | PLUG (MICRO CONNECTOR) 4P | | | |
| | | < DIODE > | | | |
| D101 | 8-719-991-33 | DIODE 1SS133T-77 | | | |
| D151 | 8-719-991-33 | DIODE 1SS133T-77 | | | |
| | | < IC > | | | |
| IC101 | 8-749-015-42 | IC STK407-040E | | | |
| | | < TRANSISTOR > | | | |
| Q101 | 8-729-140-84 | TRANSISTOR 2SC1841-PAFAEA | | | |
| Q103 | 8-729-140-82 | TRANSISTOR 2SA988-PAFAEA | | | |
| Q104 | 8-729-140-84 | TRANSISTOR 2SC1841-PAFAEA | | | |
| Q131 | 8-729-029-86 | TRANSISTOR DTC124ESA | | | |
| Q132 | 8-729-620-05 | TRANSISTOR 2SC2603-EF | | | |
| Q151 | 8-729-140-84 | TRANSISTOR 2SC1841-PAFAEA | | | |
| | | < RESISTOR > | | | |
| R101 | 1-249-417-11 | CARBON | 1K | 5% | 1/4W F |

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety.
Replace only with part number specified.

| Ref. No. | Part No. | Description | | | Remark |
|---|---|---|---|---|---|
| R102 | 1-249-437-11 | CARBON | 47K | 5% | 1/4W |
| R103 | 1-249-413-11 | CARBON | 470 | 5% | 1/4W F |
| ⚠R107 | 1-212-881-11 | FUSIBLE | 100 | 5% | 1/4W F |
| ⚠R108 | 1-220-755-11 | METAL | 0.22 | 10% | 2W |
| R109 | 1-260-076-11 | CARBON | 10 | 5% | 1/2W |
| R110 | 1-249-437-11 | CARBON | 47K | 5% | 1/4W |
| R111 | 1-249-417-11 | CARBON | 1K | 5% | 1/4W F |
| R112 | 1-249-431-11 | CARBON | 15K | 5% | 1/4W |
| R113 | 1-249-441-11 | CARBON | 100K | 5% | 1/4W |
| R114 | 1-249-421-11 | CARBON | 2.2K | 5% | 1/4W F |
| R115 | 1-247-863-91 | CARBON | 22K | 5% | 1/4W |
| R116 | 1-249-429-11 | CARBON | 10K | 5% | 1/4W |
| R117 | 1-249-421-11 | CARBON | 2.2K | 5% | 1/4W F |
| R119 | 1-249-439-11 | CARBON | 68K | 5% | 1/4W |
| ⚠R120 | 1-217-637-00 | FUSIBLE | 1 | 5% | 1/4W F |
| R121 | 1-247-863-91 | CARBON | 22K | 5% | 1/4W |
| R130 | 1-249-435-11 | CARBON | 33K | 5% | 1/4W |
| R151 | 1-249-417-11 | CARBON | 1K | 5% | 1/4W F |
| R152 | 1-249-437-11 | CARBON | 47K | 5% | 1/4W |
| R153 | 1-249-413-11 | CARBON | 470 | 5% | 1/4W F |
| ⚠R157 | 1-212-881-11 | FUSIBLE | 100 | 5% | 1/4W F |
| ⚠R158 | 1-220-755-11 | METAL | 0.22 | 10% | 2W |
| R159 | 1-260-076-11 | CARBON | 10 | 5% | 1/2W |
| R160 | 1-249-437-11 | CARBON | 47K | 5% | 1/4W |
| R161 | 1-249-417-11 | CARBON | 1K | 5% | 1/4W F |
| R162 | 1-249-431-11 | CARBON | 15K | 5% | 1/4W |
| R163 | 1-249-441-11 | CARBON | 100K | 5% | 1/4W |

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| | | | | | |
|---|---|---|---|---|---|
| * | 1-659-058-13 | TABLE SENSOR BOARD | | | |
| | | ********** | | | |
| | | < IC > | | | |
| IC202 | 8-749-924-18 | IC PHOTO INTERRUPTER RPI-1391 | | | |
| | | < RESISTOR > | | | |
| R207 | 1-249-416-11 | CARBON | 820 | 5% | 1/4W F |

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| | | | | | |
|---|---|---|---|---|---|
| * | 1-672-193-11 | TC-A BOARD | | | |
| | | ********** | | | |
| | | < DIODE > | | | |
| D631 | 8-719-058-03 | DIODE SEL5423E-TP15 (▷)(A DECK) | | | |
| D632 | 8-719-058-03 | DIODE SEL5423E-TP15 (◁)(A DECK) | | | |
| | | < RESISTOR > | | | |
| R701 | 1-249-417-11 | CARBON | 1K | 5% | 1/4W F |
| R702 | 1-249-418-11 | CARBON | 1.2K | 5% | 1/4W F |
| R703 | 1-249-420-11 | CARBON | 1.8K | 5% | 1/4W F |
| R704 | 1-249-422-11 | CARBON | 2.7K | 5% | 1/4W F |
| R705 | 1-247-843-11 | CARBON | 3.3K | 5% | 1/4W |
| R706 | 1-249-425-11 | CARBON | 4.7K | 5% | 1/4W F |
| R707 | 1-247-804-11 | CARBON | 75 | 5% | 1/4W |
| R708 | 1-247-804-11 | CARBON | 75 | 5% | 1/4W |

| Ref. No. | Part No. | Description | | | Remark |
|---|---|---|---|---|---|
| | | < SWITCH > | | | |
| S641 | 1-554-303-21 | SWITCH, TACTILE (▷) | | | |
| S642 | 1-554-303-21 | SWITCH, TACTILE (◁) | | | |
| S643 | 1-554-303-21 | SWITCH, TACTILE (□) | | | |
| S644 | 1-554-303-21 | SWITCH, TACTILE (◁◁) | | | |
| S645 | 1-554-303-21 | SWITCH, TACTILE (▷▷) | | | |
| S646 | 1-554-303-21 | SWITCH, TACTILE (DOLBY ON) | | | |
| S647 | 1-554-303-21 | SWITCH, TACTILE (DIRECTION) | | | |

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| | | | | | |
|---|---|---|---|---|---|
| * | 1-672-194-11 | TC-B BOARD | | | |
| | | ********** | | | |
| | | < DIODE > | | | |
| D635 | 8-719-058-03 | DIODE SEL5423E-TP15 (◁)(B DECK) | | | |
| D636 | 8-719-058-03 | DIODE SEL5423E-TP15 (▷)(B DECK) | | | |
| D637 | 8-719-057-97 | DIODE SEL5923A-TP15 (▮▮) | | | |
| D638 | 8-719-058-04 | DIODE SEL5223S-TP15 (● REC) | | | |
| | | < RESISTOR > | | | |
| R711 | 1-249-410-11 | CARBON | 270 | 5% | 1/4W F |
| R712 | 1-249-411-11 | CARBON | 330 | 5% | 1/4W |
| R713 | 1-249-413-11 | CARBON | 470 | 5% | 1/4W F |
| R714 | 1-249-414-11 | CARBON | 560 | 5% | 1/4W F |
| R715 | 1-249-415-11 | CARBON | 680 | 5% | 1/4W F |
| R716 | 1-249-417-11 | CARBON | 1K | 5% | 1/4W F |
| R717 | 1-249-418-11 | CARBON | 1.2K | 5% | 1/4W F |
| R718 | 1-249-420-11 | CARBON | 1.8K | 5% | 1/4W F |
| R719 | 1-249-422-11 | CARBON | 2.7K | 5% | 1/4W F |
| R720 | 1-247-804-11 | CARBON | 75 | 5% | 1/4W |
| R721 | 1-247-804-11 | CARBON | 75 | 5% | 1/4W |
| R722 | 1-247-807-31 | CARBON | 100 | 5% | 1/4W |
| R723 | 1-249-407-11 | CARBON | 150 | 5% | 1/4W F |
| | | < SWITCH > | | | |
| S651 | 1-554-303-21 | SWITCH, TACTILE (▷) | | | |
| S652 | 1-554-303-21 | SWITCH, TACTILE (◁) | | | |
| S653 | 1-554-303-21 | SWITCH, TACTILE (□) | | | |
| S654 | 1-554-303-21 | SWITCH, TACTILE (◁◁) | | | |
| S655 | 1-554-303-21 | SWITCH, TACTILE (▷▷) | | | |
| S656 | 1-554-303-21 | SWITCH, TACTILE (▮▮) | | | |
| S657 | 1-554-303-21 | SWITCH, TACTILE (● REC) | | | |
| S658 | 1-554-303-21 | SWITCH, TACTILE (HI-SPEED DUB) | | | |
| S659 | 1-554-303-21 | SWITCH, TACTILE (CD SYNCHRO) | | | |

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|---|---|---|---|---|---|
| * | 1-672-431-11 | TRANS BOARD (XB800AV) | | | |
| | | ********** | | | |
| | 1-673-110-11 | TRANS BOARD (DR7AV) | | | |
| | | ********** | | | |
| | | < CAPACITOR > | | | |
| C843 | 1-130-777-00 | FILM | 0.1uF | 10% | 100V |
| C893 | 1-130-777-00 | FILM | 0.1uF | 10% | 100V |
| C961 | 1-162-306-11 | CERAMIC | 0.01uF | 20% | 16V |
| C963 | 1-162-306-11 | CERAMIC | 0.01uF | 20% | 16V |

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety.
Replace only with part number specified.

## TRANS

| Ref. No. | Part No. | Description | Remark |
|---|---|---|---|
| | | < CONNECTOR > | |
| * CN901 | 1-580-230-11 | PIN, CONNECTOR (PC BOARD) 2P (DR7AV) | |
| * CN952 | 1-564-526-11 | PLUG, CONNECTOR 11P (XB800AV) | |
| * CN952 | 1-564-528-11 | PLUG, CONNECTOR 13P (DR7AV) | |
| | | < DIODE > | |
| D832 | 8-719-510-68 | DIODE D5SBA20F01 | |
| | | < FUSE > | |
| ⚠F951 | 1-532-504-31 | FUSE (T4AL/250V)(DR7AV:SP,EA) | |
| ⚠F961 | 1-532-506-31 | FUSE (T6.3AL/250V) | |
| ⚠F962 | 1-532-506-31 | FUSE (T6.3AL/250V) | |
| ⚠F963 | 1-532-505-31 | FUSE (T5AL/250V) | |
| ⚠F964 | 1-532-505-31 | FUSE (T5AL/250V) | |
| | | < FUSE HOLDER > | |
| FH951 | 1-533-233-21 | HOLDER, FUSE (DR7AV:SP,EA) | |
| FH952 | 1-533-233-21 | HOLDER, FUSE (DR7AV:SP,EA) | |
| FH961 | 1-533-233-21 | HOLDER, FUSE | |
| FH962 | 1-533-233-21 | HOLDER, FUSE | |
| FH963 | 1-533-233-21 | HOLDER, FUSE | |
| FH964 | 1-533-233-21 | HOLDER, FUSE | |
| FH965 | 1-533-233-21 | HOLDER, FUSE | |
| FH966 | 1-533-233-21 | HOLDER, FUSE | |
| FH967 | 1-533-233-21 | HOLDER, FUSE | |
| FH968 | 1-533-233-21 | HOLDER, FUSE | |
| | | < RESISTOR > | |
| ⚠R951 | 1-219-122-91 | FUSIBLE 0.33 5% 1/4W F | |
| ⚠R952 | 1-219-122-91 | FUSIBLE 0.33 5% 1/4W F | |
| ⚠R953 | 1-219-119-81 | FUSIBLE 0.1 5% 1/4W F | |
| | | < TRANSFORMER > | |
| ⚠T951 | 1-433-608-11 | TRANSFORMER, POWER (XB800AV) | |
| ⚠T951 | 1-433-609-11 | TRANSFORMER, POWER (DR7AV) | |
| | | < SWITCH > | |
| ⚠VS901 | 1-771-291-11 | SWITCH, POWER (DR7AV:SP,EA) | |
| ********** | | | |
| | | MISCELLANEOUS<br>********** | |
| 1 | 1-769-977-11 | WIRE (FLAT TYPE) (13 CORE)(DR7AV) | |
| 1 | 1-773-009-11 | WIRE (FLAT TYPE) (15 CORE)(XB800AV) | |
| 5 | 1-233-545-11 | TUNER (FM/AM)(DR7AV) | |
| 5 | 1-693-443-11 | TUNER (FM/AM)(XB800AV) | |
| 61 | 1-773-002-11 | WIRE (FLAT TYPE) (15 CORE)(80mm) | |
| 62 | 1-773-034-11 | WIRE (FLAT TYPE) (15 CORE)(420mm) | |
| 152 | 1-569-008-21 | ADAPTOR, CONVERSION 2P (EA,SP) | |
| 152 | 1-770-019-11 | ADAPTOR, CONVERSION PLUG 3P (UK,EE,CIS) | |
| 156 | 1-790-287-11 | WIRE (FLAT TYPE) (19 CORE) | |
| 160 | 1-773-006-11 | WIRE (FLAT TYPE) (15 CORE) | |
| 161 | 1-773-056-11 | WIRE (FLAT TYPE) (17 CORE) | |
| 507 | 1-452-925-21 | MAGNET ASSY | |
| ⚠601 | 8-820-020-02 | OPTICAL PICK-UP KSS-213D/Q-NP | |
| 602 | 1-769-069-11 | WIRE (FLAT TYPE) (16 CORE) | |
| ⚠CNP901 | 1-558-943-41 | CORD, POWER (TH) | |
| ⚠CNP901 | 1-575-651-21 | CORD, POWER (AEP,UK,EE,CIS,SP,EA) | |
| ⚠CNP901 | 1-696-845-11 | CORD, POWER (AUS) | |
| FL601 | 1-517-839-11 | INDICATOR TUBE, FLUORESCENT | |
| HP101 | A-2056-681-B | DECK (A) ASSY, HEAD (230AWR2) | |
| HP101 | A-2056-683-B | DECK (A) ASSY, HEAD (230PWR2) | |
| HRPE101 | A-2056-682-B | DECK (B) ASSY, HEAD (230AWR2) | |
| HRPE101 | A-2056-684-B | DECK (B) ASSY, HEAD (230PWR2) | |
| M1 | A-2004-628-A | MOTOR ASSY, CAPSTAN | |
| M101 | X-4917-523-3 | MOTOR ASSY (SPINDLE) | |
| M102 | X-4917-504-1 | MOTOR ASSY (SLED) | |
| M201 | A-4660-977-A | MOTOR ASSY (TABLE) | |
| M901 | 1-698-792-11 | FAN, DC (DR7AV) | |
| ⚠T901 | 1-433-619-11 | TRANSFORMER, POWER (XB800AV) | |
| ⚠T951 | 1-433-608-11 | TRANSFORMER, POWER (XB800AV) | |
| ⚠T951 | 1-433-609-11 | TRANSFORMER, POWER (DR7AV) | |
| ********** | | | |
| | | **********<br>HARDWARE LIST<br>********** | |
| #1 | 7-685-871-01 | SCREW +BVTT 3X6 (S) | |
| #2 | 7-685-872-09 | SCREW +BVTT 3X8 (S) | |
| #3 | 7-685-646-79 | SCREW +BVTP 3X8 TYPE2 N-S | |
| #4 | 7-685-534-14 | SCREW +BTP 2.6X8 TYPE2 N-S | |
| #5 | 7-685-553-19 | SCREW +BTP 2.6X6 TYPE2 N-S | |
| #6 | 7-685-105-19 | TPG +P 2X8 TYPE2 NON-SLIT | |
| #7 | 7-685-650-79 | SCREW +BVTP 3X16 TYPE2 IT-3 | |
| #8 | 7-685-881-09 | SCREW +BVTT 4X8 (S) | |
| #9 | 7-685-853-04 | SCREW +BVTT 2X6 (S) | |
| #10 | 7-685-850-04 | SCREW +BVTT 2X3 (S) | |
| #11 | 7-685-851-04 | SCREW +BVTT 2X4 (S) | |
| #12 | 7-628-254-15 | SCREW +PS 2.6X6 | |
| #13 | 7-628-254-50 | SCREW +PS 2.6X16 | |

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety.
Replace only with part number specified.



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